



**Transportation and
Public Works
Eastern District**

**Final Report - Operational Review of Trunk 4 from Sydney to Reserve
Mines in the Cape Breton Regional Municipality**



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Forward

This report is intended only as a discussion document, to begin the process of developing a strategic corridor plan for the future development along this section of Trunk 4, while at the same time preserving the level of service necessary to serve the communities to the east and north of this highway. The discussions, potential improvement ideas and recommendations are in no way to be considered as approved or final, but simply brought forward as a basis for further discussions.

The future development of land along Trunk 4 from Grand Lake Road to Reserve Mines will have an effect on the accessibility of and the development potential in communities such as: Glace Bay, New Waterford and Dominion. The Sydney Airport is also an important link to and from the Cape Breton community that is served by this highway.

The majority of the present traffic on this highway is considered to be inter-regional and the existing development is somewhat dependent on the presence of this traffic volume. Continued development and accessibility is dependent upon a plan for the corridor that addresses issues such as: access management, land use by-laws, development set backs, parallel access roads and the definition of future access points to strategic locations.

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Executive Summary

Background:

The Department of Transportation and Public Works has heard concerns expressed by the general public regarding several operating characteristics of Trunk 4 (Sydney - Glace Bay Highway) between the Mayflower Mall and Reserve Mines. These complaints are directly related to the perceived need for Traffic Control Signals at the intersection of Trunk 4 and Kytes Hill Drive; the easterly access to the University of the College of Cape Breton; the speed of the vehicles traveling on this highway; and the number of collisions over the past five years.

The study section of Trunk 4 (Sydney - Glace Bay Highway) includes that portion from the intersection with Highway 125 easterly to the beginning of the 50 km/h speed zone at Reserve Mines, totaling 9.37 km in length. This portion of Trunk 4 is illustrated on Figure 1.

This report includes a complete review of the items listed above and presents a series of recommendations to increase the level of safety and the long term functionality of this highway.

Recommendations:

Immediate:

1) Signing Improvements -

There are opportunities to improve the signing on this section of Trunk 4, including the up grading of the speed signs to ensure that they are all 90 x 112 cm in size and in good condition with good reflective properties. Required improvements to the guide signs are limited to the street names signs which require increased letter size and placement in advance of the intersection points. There are a few missing warning signs that require replacement, but the addition of large (120 x 240 cm) warning signs with worded message "Left Turning Vehicles in Left Lane" strategically located along the highway will serve as a reminder to motorists that the left lane is not solely a passing lanes, but also serves the needs of motorists accessing adjacent land developments.

2) Speed Limits -

A review of the 80 km/h speed zone on Trunk 4 from east of the Mayflower Mall to Reserve Mines was completed and concluded that the existing 80 km/h speed limit is appropriate for this section of Trunk 4 and should be retained. Improved speed zone signing will aid the motorists in the selection of a prudent travel speed.

3) Enforcement -

At issue at the outset of this operational review was the speeds of vehicles on this highway. The CBRM Police Service has indicated that there are some concerns with the highway geometrics when Police Officers are patrolling regarding safe locations to pull over offending motorists. It was indicated that the CBRMPolice Service has under taken a comprehensive enforcement program. Commitment to this focused enforcement must be long term to support the safe operation of the highway.

Short Term:*4) Kytes Hill Development -*

Development of a plan to construct a new access road to Kytes Hill Subdivision that would intersection Trunk 4 opposite Junction Road, creating a four way intersection. This intersection would warrant the provision of left turn lanes on both Trunk 4 approaches, therefore consideration should be given to the construction of a fifth lane on Trunk 4 between the existing channelized left turn lane at the CBRM Police Services access this new intersection. The land abutting this section of Trunk 4 is presently zoned commercial and is serviced with water and sewer.

If a new access to this residential community is constructed, access to and from Kytes Hill Drive and Yolanda Drive should be restricted, possibly with provision for emergency access only. With the concentration of all the turning movements at the three intersections into one, further consideration should be given to the installation of traffic control signals. A plan with an installation time line should be developed.

5) Land Use Regulations -

Cape Breton Regional Municipality Planning Department has advised that the municipality will be undertaking a review of the Grand Lake Road Land Use By-law and the Reserve - Gardiner Land Use By-law. The CBRM should take into consideration the potential impacts that permitted land uses will have on the long term operation of this highway.

6) University College of Cape Breton Easterly Access -

The main access to UCCB is via a set of traffic control signals at University Boulevard, while secondary access is located approximately 300m east of the main entrance. This easterly access has a left turn holding lane and all turning movements are permitted. Vehicles making the left turn movement from the UCCB easterly access have been involved in collisions with vehicles on Trunk 4. The prohibition of this turning maneuver would require all westbound left turns to be made through the signalized intersection at University Boulevard. Transportation and Public Works should contact UCCB to discuss the turn restriction and the method and timing of its implementation.

7) Lingan Golf & Country Club Access -

Access to the Lingan Golf and Country Club is via two uncontrolled driveways intersecting Trunk 4. The westerly most driveway is paved with one inbound and two outbound lanes, the secondary driveway is narrow and has a gravel surface. Opportunity exists to service the Lingan Golf and Country Club at the signalized intersection with UCCB. Transportation and Public Works should initiate discussions with Lingan G&CC regarding the viability of this suggestion.

8) Trunk 4 Cross Section Improvements -

The presence of a curb, median and sidewalk on the south side of Trunk 4, as well as curb on the north side creates a situation where all stopping traffic: including transit buses, delivery vehicles and vehicles with mechanical break downs; and all right turning vehicles; have no road side refuge. These operations are currently conducted in the right hand travel lane, which conflicts with the high speed through traffic. Further study is required to identify areas for improvements such as: right turn lanes, shoulder or break down lane construction, curb removal and shoulder construction, and the development of

bus bays and/or pull off areas.

Long Term:

9) *By-Pass* -

Serious consideration of a by-pass will only become necessary if efforts to preserve the existing infrastructure to not continue to meet the needs of the local and through traffic. Given the economic implications of a by-pass, investment in the continued preservation of the existing highway is preferred.

If future operational characteristics of the highway are such that a by-pass is a serious option, the Department of Transportation and Public Works and the Cape Breton Regional Municipality will need to discuss the type of facility required and its route.

1.0 Introduction

The Department of Transportation and Public Works has heard concerns expressed by the general public regarding several operating characteristics of Trunk 4 (Sydney - Glace Bay Highway) between the Mayflower Mall and Reserve Mines. These complaints are directly related to the perceived need for Traffic Control Signals at the intersection of Trunk 4 and Kytes Hill Drive; the easterly access to the University of the College of Cape Breton; the speed of the vehicles traveling on this highway; and the number of collisions over the past five years.

These concerns combined with the results of the initial data collection, prompted a meeting with members of the community, the Municipal Councillor for the area, the Cape Breton Regional Municipality Police Service and Transportation and Public Works Officials. This meeting was held to understand the full extent of the concerns and to solicit any proposed improvement ideas.

This report outlines the concerns with this portion of Trunk 4, includes a detailed speed zone review, investigation of identified problem locations and discusses possible solutions. It is recognized that there is not a single strategy that will resolve all issues of concern, but rather a series of improvement ideas categorized as immediate, short and long term solutions may be the most realistic approach.

2.0 Review of Study Area Issues

The following discusses the issues raised by each of the noted individuals and became the basis for beginning the operational review of this portion of Trunk 4. However these issues are not considered to be the only concerns with the operation of this Highway. This report will endeavor to include all of the operations issues.

2.1 Request Received from Various Sources

One resident of Trunk 4 has expressed concern regarding the safety of herself, her family and other users of Trunk 4 in the vicinity of the Lakevale Elementary School, Junction Road and Kytes Hill Drive. She is concerned regarding the lack of left turn holding lanes to accommodate vehicles waiting to make left turns, the speed of the traffic on Trunk 4, the number of collisions and the absence of Traffic Control Signals at the intersection of Trunk 4 and Kytes Hill Drive. She has also expressed concern over the perception that the level of enforcement of the posted speed limit is inadequate. Correspondence received in the form of e-mails are attached in Appendix "J".

Mr. Vince Hall is the Municipal Councillor for District 4, Cape Breton Regional Municipality. This District includes the area of Trunk 4 and the communities of Grand Lake Road and Reserve Mines. Councillor Hall has also expressed his concerns with the level of safety of the highway, supports resident's concerns and has requested increased enforcement of the posted speed limits on this highway. Correspondence in the form of e-mails received from Councillor Hall are also attached in Appendix "J".

Mr. Paul MacEwan, MLA, Cape Breton Nova expressed support for the concerns of Saint Augustine Parish which requested that the speed limit on Trunk 4 in front of the

Church be reduced. They also requested that a left turn holding lane be constructed for the driveway to the Church. This correspondence is also included in Appendix "J".

Concern has been expressed over the past number of years regarding the easterly access to the University of the College of Cape Breton. Most recently a request was received requesting that left turn maneuvers from the driveway onto Trunk 4 be prohibited.

2.2 Meeting of December 6, 2002

Transportation and Public Works hosted a meeting on December 6, 2002 to discuss the issues regarding the safe operation of traffic on Trunk 4. Those in attendance at the meeting included:

Sgt. Mike MacQueen, Cape Breton Regional Municipality Police Service
Reverend Everett MacDow, Saint Augustine Parish
Municipal Councillor, Vince Hall
Bruce Fitzner, District Director, TPW
Barb Baillie, Area Manager, TPW
Rob Sweet, District Traffic Supervisor, TPW

At this meeting discussion was held regarding the issues of concern from the community: the lack of refuge for motorist making left turns off of Trunk 4; the rate of speed at which motorists travel on the highway; the absence of Traffic Control Signals at the intersection of Trunk 4 and Kytes Hill Drive; and the number and location of collisions that have occurred on this highway over the past five years.

Available for discussion at the meeting were the results of fourteen spot speed samples collected within the 80 km/h speed zone. These results showed prevailing vehicle speeds in the vicinity of 90 km/h and therefore it was concluded that a reduction in the speed zone would probably have little effect on the operating speeds of vehicles on this highway. Discussion turned to the enforcement of the existing speed zone to help reduce the vehicular speed, the CBRM Police Service has placed a high priority on the vehicle speeds on this highway. It was pointed out that this highway is curbed on both sides from the Sydney to Glace Bay, this creates a safety issue for the Police Officers as there is no area to pull violators over, the offending vehicle and police cruiser are then stopped in the right hand lane.

Other areas of discussion included the results of the traffic signal analysis and left turn lane analysis conducted for the intersection of Trunk 4 and Kytes Hill Drive; and access management techniques throughout this section of highway, particularly between the properties of the CBRM Police Services and the Saint Augustine Church. The benefits of improved signing along this stretch of highway was also discussed.

2.3 Meeting of February 3, 2003

A follow-up meeting was held at the Sydney River Transportation and Public Works Office on February 3, 2003. In attendance at this meeting were:

Sgt. Mike MacQueen, Cape Breton Regional Municipality Police Service
Rick McCreedy, Cape Breton Regional Municipality Planning Department
Bruce Fitzner, District Director, TPW
Barb Baillie, Area Manager, TPW
Rob Sweet, District Traffic Supervisor, TPW

Discussions at this meeting centered around the suggested possible improvements as will be later discussed in Chapter 8.0 of this report. Each item was introduced, followed by general discussion regarding the benefits and disadvantages of each. Rick McCreedy advised that the Cape Breton Regional Municipality will soon be undertaking a review of the Land Use By-Laws for areas of Grand Lake Road and Gardner - Reserve. This will provide a public process to address the permissible land uses along this corridor, and may provide opportunity to include some access management strategies.

3.0 Description of Highway

3.1 Roadway Details

The study section of Trunk 4 (Sydney - Glace Bay Highway) includes that portion from the intersection with Highway 125 easterly to the beginning of the 50 km/h speed zone at Reserve Mines, totaling 9.37 km in length. This portion of Trunk 4 is illustrated on Figure 1.

This arterial class highway, is four lane, undivided, with no access control. The lanes are 3.7m wide with minimal useable shoulder. Curb and gutter exist on both sides of the highway with a median and sidewalk on the south side only. Signalized intersections exist at Highway 125, at each of two access driveways to the Mayflower Mall, at the main entrance to the University College of Cape Breton, and at the intersection with the Gardner Road. Channelization consisting of left turn holding lanes exists at all intersection equipped with traffic control signals and at the access to the Cape Breton Regional Municipality Police Service building, the access to the Coal Preparation Plant, the easterly driveway to the University College of Cape Breton, and at the intersection with the Airport Road. The posted speed limit on the initial 1.05 km from Highway 125 is 60 km/h with the remaining 8.32 km posted at 80 km/h.

Arterial roads by definition primarily provide for the movement of through traffic, Trunk 4 is the main highway providing for through traffic from Glace Bay, Dominion, New Waterford and the Airport to Downtown Sydney. This highway, with no access control, provides for access to the abutting residential, institutional and commercial development. This mix of use and resulting conflicts between through traffic and vehicles entering, crossing and leaving the highway is a leading contributing factor in the issues of concern.

3.2 Traffic Volumes

The Department of Transportation and Public Works, through the Coordinator of Traffic Census, manages an ongoing traffic counting program throughout the Province. The available counts on the study section of Trunk 4, since 1991, are included on table 1. The traffic volumes represented are the Annual Average Daily Traffic (AADT) and are calculated using the data from seven (7) day tube counts with weekly and highway grouping factors applied. Included in Appendix "C" is the hourly count data for the counts collected on Trunk 4 at a point 3 km east of Highway 125, in 2002.

Table 1 - Annual Average Daily Traffic

Year	Eastbound* (AADT)	Westbound* (AADT)	Total* (AADT)
1991	8780	8470	17250
1993	9180	9370	18550
1996	10900	9220	20120
1999	9920	9850	19770
2002	10600	10200	20800

* at a location 3km east of Highway 125 ~ DRIVE IN THEATRE.

LEVEL SERVICE "B"

3.3 Collision Data

Records for all reported collisions on Trunk 4 - section 230, for the years 1997 to 2001, were supplied by Mr. Gary Sellon, Statistical Analyst, TPW Asset Management Group. Trunk 4 - section 230 includes all of Trunk 4 from the former City of Sydney east line to Wilson Road in Reserve Mines. The data was reviewed to included only those accidents considered to have occurred in the existing 80 km/h speed zone from a point east of the Mayflower mall to the beginning of the 50 km/h speed zone in Reserve Mines.

Table 2 shows the annual distribution of collisions that have occurred inside and outside the 80 km/h speed limit within section 230 on Trunk 4. A noteworthy deficiency in the data is the amount and quality of the location information, resulting in a high percentage of collisions with unknown locations. Table 3 gives the number of collision per year that occurred in the 80 km/h speed zone by type.

Table 2 - Collision Location Data

Year	Total Collisions Listed in Trunk 4, Section 230	Number of Collisions in 80 km/h Speed Zone	Number of Collisions Possibly in 80 km/h Speed Zone	Number of Collisions NOT in 80 km/h Speed Zone
1997	84	32 (38%)	12 (14%)	40 (47%)
1998	81	36 (43%)	14 (17%)	31 (38%)
1999	72	19 (26%)	37 (51%)	26 (36%)
2000	86	16 (19%)	48 (56%)	22 (25%)
2001	70	9 (13%)	44 (63%)	17 (24%)
Total	393	112 (28%)	145 (37%)	136 (35%)

Table 3 - Collision History - > \$1,000.00 OR INJURY.

Year	Head on	Rear End	Right Angle	Pass/ Left turn	Head on Left	Pass/ Right Turn	Off Road	Side swipe s/d	Side Swipe o/d	Other	Ped	Total
1997	0	17	4	1	1	2	5	1	2	11	0	44
1998	2	22	7	0	1	3	5	2	1	6	1	50
1999	1	18	3	0	2	0	6	0	0	15	0	45
2000	0	18	2	0	1	0	2	2	0	39	0	64
2001	1	24	6	2	1	0	1	0	2	16	0	53
Total	4	99	22	3	6	5	19	5	5	87	1	256

Within the 80 km/h speed zone on Trunk 4 collisions were grouped by locations. The locations at which a number of collisions have occurred are as follows: Gardner Road (23); University College of Cape Breton Access (23) (note: the location data does not identify which of the two accesses each collision occurred at); Kyles Hill Drive (12); Coal preparation Plant Access Road (8); Airport Road (7); Old Airport Road (7); Yolanda Drive (3); other random locations along the section (19). It is worth while noting that the signalized intersections at Highway 125 and the accesses to the Mayflower Mall received 50 and 27 collisions, respectively. Again the location data provides insufficient detail to identify at which access to the mall the collisions occurred. The collision information summary sheets are provided in Appendix "D".

Signals ↑ accidents
↓ severity.

3.4 Speed Data

Within the 80 km/h speed zone, fourteen (14) directional spot speed radar samples were collected. These radar samples were analyzed and the 85th percentile speeds, 16 km/h pace and the average speeds were calculated, and are shown in Table 4.

Table 4 - Speed Data

Location	Direction	85th Percentile (km/h)	16 km/h Pace (km/h)	Average Speed (km/h)
1) at Used Car City	eastbound	88.3	74 - 90	82.1
2) at Yolanda Drive	eastbound	89.0	74 - 90	83.1
3) at Victoria Jct. SS	eastbound	91.1	74 - 90	84.8
4) at Island Speedway	eastbound	89.9	76 - 92	84.4
5) at Seaside Cable	eastbound	87.3	72 - 88	78.7
6) Opposite Elks Fab.	eastbound	90.8	76 - 92	85.7
7) at Union Hall	eastbound	89.6	76 - 92	83.9
8) at RCMP Detach.	westbound	87.3	72 - 88	82.4
9) at Elks Fabrication	westbound	89.4	74 - 90	83.8
10) at CBRM Sewage	westbound	89.1	74 - 90	84.0
11) at Direct Tire	westbound	88.2	74 - 90	82.8
12) at Victoria Jct. SS	westbound	91.9	76 - 92	85.4
13) Opposite Yolanda	westbound	90.1	76 - 92	84.1
14) at Junction Road	westbound	88.8	74 - 90	82.7

4.0 Speed Zone Study

The objective of establishing speed zones throughout a highway network is to improve the safety and efficiency of traffic operation by encouraging a better and more uniform driving practice through a reduction of the speed differential between the low and high speeds. A realistic speed zone will encourage unnecessary low speeds to increase and high speeds to decrease, creating a traffic stream that has uniform speed, minimizing vehicular / vehicular conflicts. The numerical value of the speed zone must be based upon a Traffic Engineering study so that all technical factors may be evaluated to properly determine the appropriate reasonable limit that will reflect the average highway and traffic conditions and be effective in receiving motorists compliance. Motorists are expected to adjust their speeds to conditions.

A speed zone study has been completed for that portion of Trunk 4 presently zoned at 80 km/h, from the end of the 60 km/h speed zone east of the Mayflower mall to the beginning of the 50 km/h speed zone in Reserve Mines. This 80 km/h speed zone totals 8.3 km in length.

The study section of Trunk 4 is four lane, undivided, with no access control. The lanes are 3.7m wide with minimal useable shoulder, curb and gutter exist on both sides of the

highway with a median and sidewalk on the south side.

The 85th percentile speed is considered a measure of the prevailing vehicle speed, and is the principal factor in determining speed zones. The assumption proven over time is that 85 percent of motorists are reasonable and prudent drivers. Drivers travel speeds reflect many of the prevailing highway and roadside features. On Trunk 4, spot speed radar samples were collected at 14 locations and the calculated 85th percentile speeds at each location ranged between 87.3 and 91.9 km/h. The 16 km/h pace, which is the 16 km/h group with more recorded speeds than any other 16 km/h grouping and serves as a measure of the uniformity of the traffic flow, ranged between 72 - 88 and 76 - 92 km/h. The average speed of each spot speed sample ranged between 78.7 and 85.7 km/h.

The roadside development includes: 114 residential dwellings; 16 commercial establishments; two (2) institutional facilities, University College of Cape Breton and the Marconi Campus of the Nova Scotia Community College; Nova Scotia Power's Victoria Junction Substation, Coal Preparation Plant, Lingan Golf and Country Club, Forrest Haven Cemetery, a Union Hall and an RCMP Detachment. This development level produces a dwelling - commercial rate of 16.7 dwg-comm/km. This highway also services the residential communities located on Junction Road, Kytes Hill Drive, Yolanda Drive, Doolan Lane, Evergreen Drive and Khattar Drive.

The alignment features of Trunk 4 include fairly large radius horizontal curves which were all found to have safe speeds greater than the 80 km/h speed limit. The six vertical curves, although not measured, would appear to have adequate available stopping sight distance.

The area of the speed zone study is located within a larger administrative highway section on Trunk 4 (section 230) which includes that portion of Trunk 4 from Highway 125 to Wilson Road in Reserve Mines. The five year average collision rate (1996 - 2000) is 109.6 collisions per 100 million vehicle kilometers (hmvk), this compares to the Provincial average for a class 8 highway of 196.6 collisions per hmvk. A class 8 highway is defined as a four lane undivided Trunk, without any access control. The five year average collision rate for the study area is slightly over one half of the Provincial rate for the same class of highway.

It is important to note that the majority of Class 8 highways in the Province are situated within urban environments and are not subject to the same high speed traffic. The only other high speed Class 8 highway is that portion of Trunk 4 from Port Hastings to Port Hawkesbury which has a 70 km/h speed limit and the five year average accident rate is 52.9 acc/hmvk, less than half the average rate for the study section.

The analysis of the collected data does not suggest that the established speed limit is a negative factor in the operation of this highway, therefore it is recommended that the 80 km/h speed zone be retained.

5.0 Signal Warrant Analysis

The intersection of Kytes Hill Drive and Trunk 4 was analyzed for traffic control signals. The turning movement data utilized was collected on October 22, 2002, and the collision data was obtained from the TPW collision database. Consideration for signalizing this intersection was completed considering all traffic using Yolanda Drive assigned to the Kytes Hill Drive intersection.

The traffic control signal installation warrant utilized for this analysis is the Transportation Association of Canada's (TAC) warrant as published in the Manual of Uniform Traffic Control Devices for Canada (fourth edition). This warrant assigns priority points for collisions, crossing gaps, progression, delay, vehicular stops, intersection volumes and pedestrian volumes. The warrant requires 100 priority points for the installation of traffic control signals, the analysis for the intersection of Kytes Hill and Trunk 4 resulted in at total of 68 priority points, therefore signals are not currently warranted at this location.

The warrant analysis as completed by Lester Hanley, Co-ordinator Traffic Census and dated November 28, 2002 is located in appendix "F".

6.0 Left Turn Lane Analysis

Lester Hanley, Co-ordinator Traffic Census analyzed the traffic movements at the intersection of Kytes Hill Drive and Trunk 4 for a left turn holding lane. This analysis was completed using the left turn lane warrants of the Ministry of Transport for the Province of Ontario, which is Nova Scotia's approved warrant.

The analysis found that this intersection met the warrant for a left turn holding lane. The analysis information is located in appendix "G".

7.0 Level of Service Analysis

The concept of Level of Service (LOS) defines the operating conditions on a transportation facility using qualitative measures. The operating characteristics generally included in the LOS calculations are: speed, travel time, delay, traffic interruptions, and convenience. Each LOS is given a letter, A through F, to describe a range of operating conditions on a facility; LOS A being the highest and LOS F being the lowest level of service. LOS E represents the capacity or the maximum flow rate of that facility.

A level of service analysis was completed on the study section of Trunk 4. This analysis was completed by Mike Croft, P. Eng., Access Management Engineer utilizing the Highway Capacity Software 2000 (HCS2000); resulting in a LOS B, which is considered to be good.

8.0 Discussion of Potential Improvement Ideas

8.1 Signing Improvements

A review of the existing signing on Trunk 4 identified several areas for improvement. The existing speed zone signs are in two sizes; 60 x 75 cm and 90 x 112 cm, all of the speed zone signs located within the 80 km/h speed zone should be the larger size and a need for more speed zones signs was also identified. This improvement will aid the motorists in the selection of prudent travel speed and will also aid the CBRM Police Service in the enforcement of the speed limits on this highway.

The directional guide signing is in good condition, however the size and location of the street name signs for all the side roads, except Kytes Hill Drive and Yolanda Drive, should be improved. The signs should have 8" & 6" upper and lower case letters and be erected approximately 120m in advance of the intersection.

The warning signs required on the study section of highway are in good condition, however a few signs are missing and need replacing. Concern with the number of rear end and left turn/head on type accidents has lead to the approval for the erection of a warning sign with the worded message "Left Turning Vehicles in Left Lane" this sign will be 120 x 240 cm and four will be erected throughout the study area.

The signs required for the signing improvements have been ordered and they will be installed as soon as time and weather conditions permit.

8.2 Realigned Access to Kytes Hill Subdivision

Discussions occurred regarding the development of an alternate access to Kytes Hill Subdivision opposite Junction Road, creating a four-way intersection. This coupled with the closure of Kytes Hill Drive and Yolanda Drive at Trunk 4 will concentrate the turning movements at the three existing intersections to one four way intersection.

8.3 Traffic Signals at Junction Road and Kytes Hill Subdivision

A realigned intersection with Kytes Hill Subdivision and Junction Road will concentrate the turning movements to a single point possibly increasing the number of traffic signal priority points and accelerating the approval process for the installation of traffic control signals.

8.4 Left Turn Lanes between Mayflower Mall and Junction Road

The lands on both sides of Trunk 4 from the Mayflower Mall to the Junction Road intersection, with one exception, are zoned commercial and are serviced with water and sewer. With construction of left turn holding lanes to a new Kytes Hill Subdivision / Junction Road intersection, there would be only a short distance between this new left turn lane and the one existing for the driveway to the CBRM Police Service's building. The continuation of left turn lanes that would service the existing Lakevale Elementary School, St Augustine Church and future commercial development, is an improvement worth further consideration.

8.5 Construction of Bus Bays

Trunk 4 has virtually no shoulders, with curb and gutter on both sides, and it is utilized by both the Cape Breton Victoria Regional School Board and Transit Cape Breton for on-highway bus stops. After consultation with Transit Cape Breton and the school board, a determination can be made regarding the need for bus stops and the possible construction of roadside bus bays to accommodate this service, removing the stops from the right hand travel lane. During this discussion the police indicated that they do not have any reasonable locations to pull a traffic violator over, and could also utilize bus bays designed to accommodate such activity. Bus bays could be identified and considered in future highway improvement contracts.

8.6 Removal of Curb on North Side of Trunk 4

Another way to deal with the problematic curbing on Trunk 4 is to consider areas along the westbound lane (north side, as there is sidewalk along the south side) where the curbing could be removed and a highway shoulder could be constructed. This would provide for vehicle breakdowns, police enforcement, right hand turning movements, etc. improving the capacity, flow and overall safety of the highway.

8.7 Easterly Entrance to the University College of Cape Breton

The University College of Cape Breton has two access roads intersecting with Trunk 4. The westerly most access creates a "T" intersection and is controlled with traffic control signals supplemented by a left turn holding lane. The easterly most driveway also creates a "T" intersection with Trunk 4, has a left turn holding lane, but is controlled only with a stop sign on the access road. Concern has been expressed with the left turn movements at this intersection, particularly the left turn onto Trunk 4. The two access roads to UCCB are separated by only 300m. It would be prudent to enter into discussions with UCCB prior to the beginning of the next school year to determine the impact of prohibiting left turns from the easterly driveway and designing the best strategy to prohibit the movement.

8.8 Lingan Golf and Country Club Access

The Lingan Golf and Country Club has two accesses to Trunk 4, one main entrance and a secondary driveway. These access points have been the locations of collisions in the past and warrant some consideration. The golf club property fronting on Trunk 4 includes the area opposite UCCB which the construction of a driveway would create the fourth leg of an intersection with Trunk 4 and the signalized access road to UCCB, thus effectively dealing with the turning maneuvers at this location.

8.9 Cape Breton Drive-in Access

The Cape Breton Drive-in, although a seasonal business, impacts on the operation of Trunk 4 as delays experienced at the toll booth create back ups of traffic in a travel lane on the highway. The CBRM Police Services have had to deal with this issue in the past with limited success, further discussions with the proprietor are required.

8.10 Access Management

Access management is a comprehensive process that effectively manages the provision of access to public roads for new development or re-development. The primary objective is to provide safe and orderly access consistent with the functional and operational requirements of the roads and the accessibility needs of the adjacent land uses. A variety of access management techniques for this highway should be explored, they should be included but not be limited to the following:

- a) Access Management - Through the driveway permit process requirements can be placed on the driveway access by establishing guidelines that include the requirements for service roads, auxiliary lanes, channelization and driveway geometry. The driveway geometry should detail items such as: width, curb radii, intersection angle, spacing, sight distance, grades, etc.
- b) Control by Statute - Access to public highways is either prohibited or severely restricted by Provincial or Municipal law. An example of this type of restriction would be the Provincial Parkway Regulations that restrict the type of developments on a highway and also set restrictions like the minimum road frontage requirements.
- c) Control by Zoning - Cape Breton Regional Municipality Land Use Regulations are an effective means of access management as they control the type development that can occur on a property and along a specified highway corridor. Increasing the amount of land zoned as commercial will eventually increase the turning to and from this highway, negatively affecting the operational characteristics

8.11 By-Pass

Discussion also took place regarding the long term development of a controlled access by-pass of the section of Trunk 4 in Grand Lake Road. Preliminary thoughts included the extension of Highway 125 to Glace Bay at a location south of the existing Trunk 4. Other possibilities included a partial by-pass with the extension of the Sydney Port Access Road to the Gardiner Road or again the extension of the Sydney Port Access Road via the old tram line to a point on Trunk 4 just west of the Coal Preparation Plant. These are very preliminary ideas which would require considerable development work.

Given the present financial constraints on all levels of Government, the ability to fund and build a new highway will be uncertain even in the long term. For this reason, the protection and management of the existing infrastructure is the most feasible strategy in ensuring safe and efficient movement of traffic within this corridor for some time into the future

Without proper management of this facility, vehicle turning maneuvers and vehicle conflicts increase prematurely and haphazardly resulting in increased travel time between Sydney and the communities served by this highway. The increased travel time could result in a decrease in accessibility and impede the development potential in these neighboring communities.

9.0 Additional Data Collection

Additional data collection will be necessary to support the development of the improvement solutions as outlined in the recommendations. This may include additional turning movement counts, further analysis of the collision data, spot speed studies, etc. and include an origin and destination study to further consider the idea of a future controlled access by-pass.

10.0 Recommendations

Immediate:

1) *Signing Improvements -*

There are opportunities to improve the signing on this section of Trunk 4, including the up grading of the speed signs to ensure that they are all 90 x 112 cm in size and in good condition with good reflective properties. Required improvements to the guide signs are limited to the street names signs which require increased letter size and placement in advance of the intersection points. There are a few missing warning signs that require replacement, but the addition of large (120 x 240 cm) warning signs with worded message "Left Turning Vehicles in Left Lane" strategically located along the highway will serve as a reminder to motorists that the left lane is not solely a passing lanes but also serves the needs of motorists accessing adjacent land developments.

2) *Speed Limits -*

A review of the 80 km/h speed zone on Trunk 4 from east of the Mayflower Mall to Reserve Mines was completed and concluded that the existing 80 km/h speed limit is appropriate for this section of Trunk 4 and should be retained. Improved speed zone signing will aid the motorists in the selection of a prudent travel speed.

3) *Enforcement -*

At issue at the outset of this operational review was the speeds of vehicles on this highway. The CBRM Police Service has indicated that there are some concerns with the highway geometrics when Police Officers are patrolling regarding safe locations to pull over offending motorists. It was indicated that the CBRM Police Service has under taken a comprehensive enforcement program. Commitment to this focused enforcement must be long term to support the safe operation of the highway.

Short Term:

4) *Kytes Hill Development -*

Development of a plan to construct a new access road to Kytes Hill Subdivision that would intersection Trunk 4 opposite Junction Road, creating a four way intersection. This intersection would warrant the provision of left turn lanes on both Trunk 4 approaches, therefore consideration should be given to the construction of a fifth lane on Trunk 4 between the existing channelized left turn lane at the CBRM Police Services access this new intersection. The land abutting this section of Trunk 4 is presently zoned commercial and is serviced with water and sewer.

If a new access to this residential community is constructed, access to and from Kytes Hill Drive and Yolanda Drive should be restricted, possibly with provision for emergency

access only. With the concentration of all the turning movements at the three intersections into one, further consideration should be given to the installation of traffic control signals. A plan with an installation time line should be developed.

5) Land Use Regulations -

The Cape Breton Regional Municipality Planning Department has advised that the municipality will be undertaking a review of the Grand Lake Road Land Use By-law and the Reserve - Gardiner Land Use By-law. The CBRM should take into consideration the potential impacts that permitted land uses will have on the long term operation of this highway.

6) University College of Cape Breton Easterly Access -

The main access to UCCB is via a set of traffic control signals at University Boulevard, while secondary access is located approximately 300m east of the main entrance. This easterly access has a left turn holding lane and all turning movements are permitted. Vehicles making the left turn movement from the UCCB easterly access have been involved in collisions with vehicles on Trunk 4. The prohibition of this turning maneuver would require all westbound left turns to be made through the signalized intersection at University Boulevard. Transportation and Public Works should contact UCCB to discuss the turn restriction and the method and timing of its implementation.

7) Lingan Golf & Country Club Access -

Access to the Lingan Golf and Country Club is via two uncontrolled driveways intersecting Trunk 4. The westerly most driveway is paved with one inbound and two outbound lanes, the secondary driveway is narrow and has a gravel surface. Opportunity exists to service the Lingan Golf and Country Club at the signalized intersection with UCCB. Transportation and Public Works should initiate discussions with Lingan G&CC regarding the viability of this suggestion.

8) Trunk 4 Cross Section Improvements -

The presence of a curb, median and sidewalk on the south side of Trunk 4, as well as curb on the north side creates a situation where all stopping traffic: including transit buses, school buses, delivery vehicles and vehicles with mechanical break downs; and all right turning vehicles; have no road side refuge. These operations are currently conducted in the right hand travel lane, which conflicts with the high speed through traffic. Further study is required to identify areas for improvements such as: right turn lanes, shoulder or break down lane construction, curb removal and shoulder construction, and the development of bus bays and/or pull off areas.

Long Term:

9) By-Pass -

Serious consideration of a by-pass will only become necessary if efforts to preserve the existing infrastructure to not continue to meet the needs of the local and through traffic. Given the economic implications of a by-pass, investment in the continued preservation of the existing highway is preferred.

If future operational characteristics of the highway are such that a by-pass is a serious option, the Department of Transportation and Public Works and the Cape Breton Regional Municipality will need to discuss the type of facility required and its route.





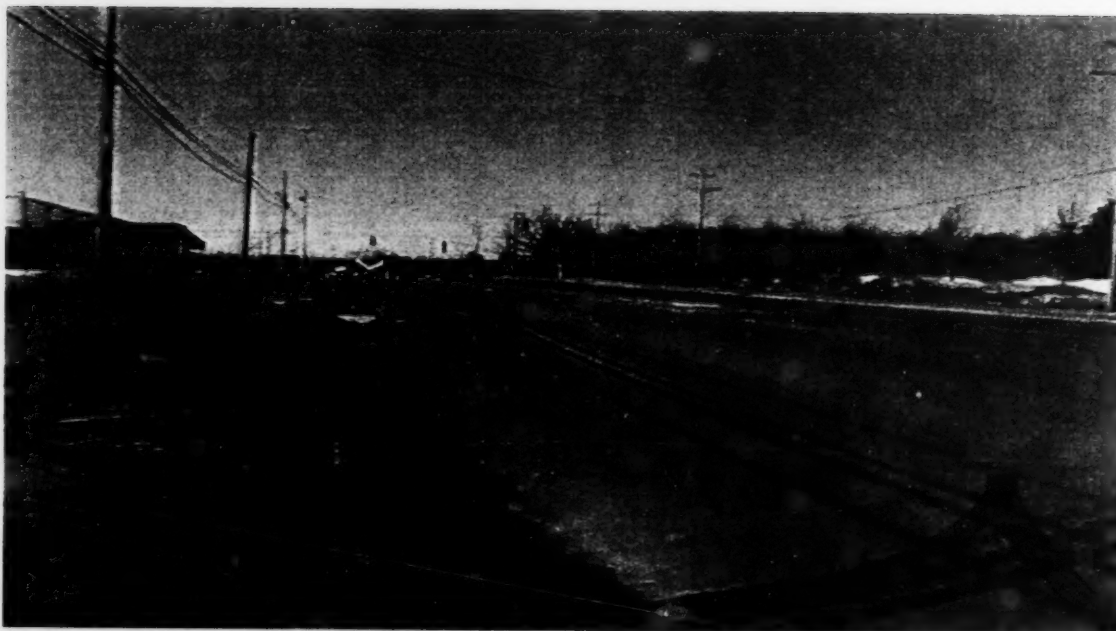
Figure 1

Appendices:

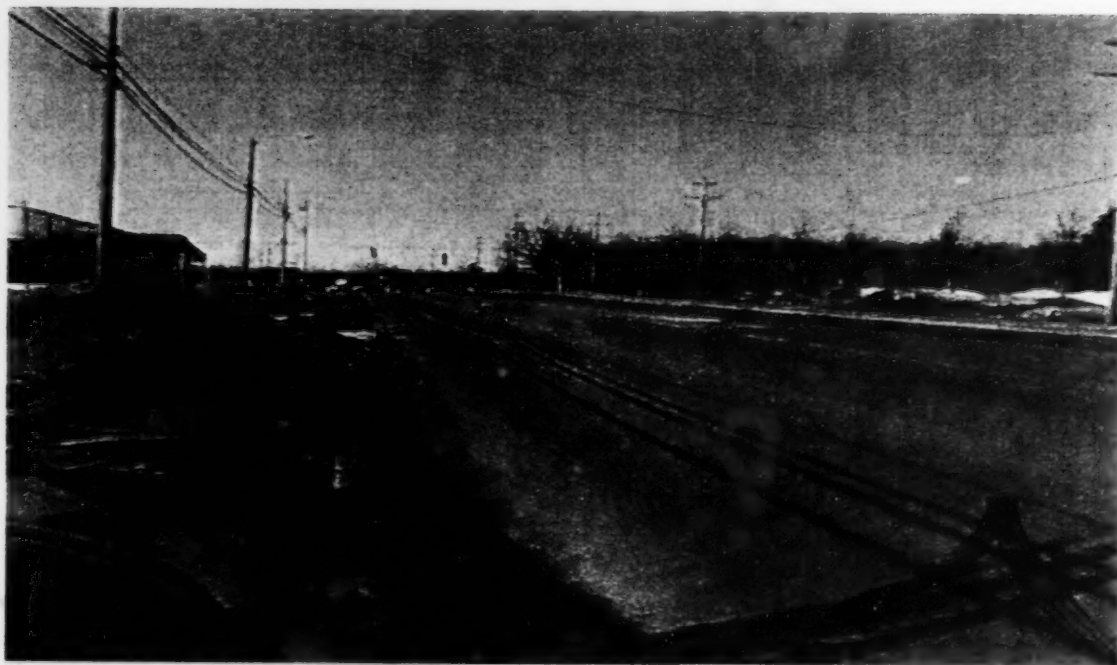
- A Site Photographs
- B Signing Plans
- C Traffic Volume Data
- D Collision Data
- E Speed Data
- F Signal Warrant Analysis
- G Left Turn Lane Warrant Analysis
- H Level of Service Analysis
- I CBRM Land Use Plans
- J Correspondence

Appendix "A"

Site Photographs



Trunk 4 - Looking westerly towards Mayflower mall Intersection from Lakevale School



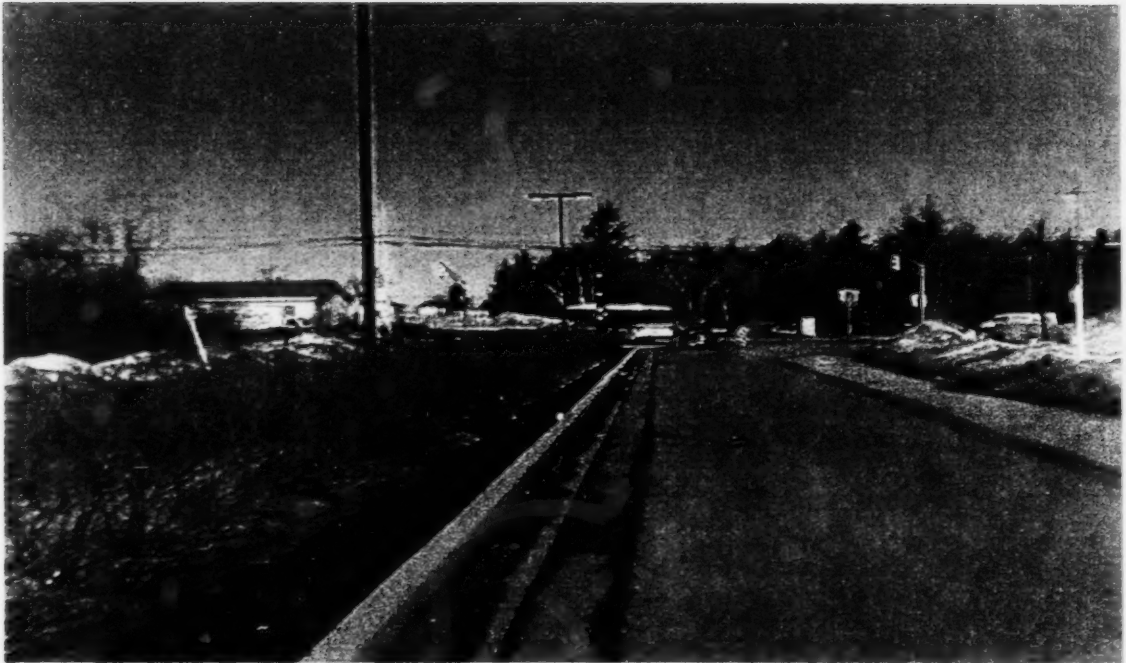
Trunk 4 - Looking easterly towards Junction Road from Lakevale School



Looking across Trunk 4 from Junction Road to proposed location of Kytes Hill Subdivision Access Road



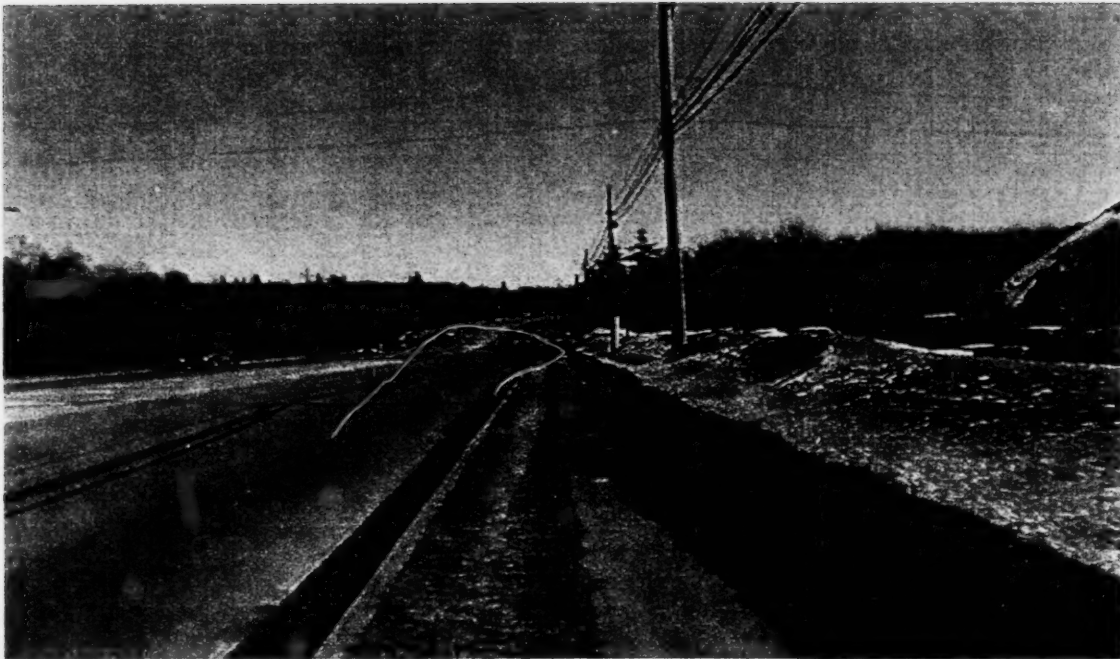
Looking easterly on Trunk 4 towards Ultramar/Tim Hortons from Island Speedway



Looking across Trunk 4 from University Boulevard - Illustrating possible access to Lingan Golf & Country Club



Trunk 4 - Looking westerly towards signalized intersection at UCCB



Trunk 4 - Looking easterly towards UCCB easterly entrance/exit



Trunk 4 - Looking easterly towards the signalized intersection at Gardner Road



Trunk 4 - Looking westerly towards Airport access road intersection

Appendix "B"

Signing Plans

MEMORANDUM

To: Barb Baillie, Area Manager, Sydney

From: Rob Sweet, District Traffic Supervisor

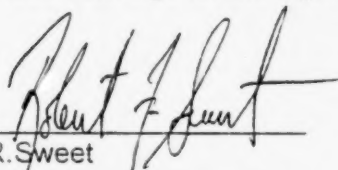
Date: December 23, 2002

Subject: Signing, Trunk 4, Grand Lake Road, Cape Breton County

The portion of Trunk 4 from Highway 125 easterly to Reserve Mines has been reviewed for signing requirements.

The review found the need for additional speed zone signs, the erection of street name signs in advance of the intersections and warning signs stating "left turning traffic in left lane". These signing improvements are illustrated on the attached map sections.

Please arrange for the signing improvements to be implemented.



R. Sweet
District Traffic Supervisor
RS/smd
attach.
c.c. Bruce Fitzner

Return to District Traffic Supervisor when job is completed.

The signs requested by this memo and/or plans have been erected.

Operations Supervisor

Date Signs Erected

Area Manager

Date



**Department of
Transportation
and Communications**

Traffic Engineering

TITLE SPEED ZONE - TRUNK 4 -
GRAND LAKE RD - C.B. CO.

PREPARED _____ DATE _____

RECOMMENDED _____ DATE _____

APPROVED _____ DATE _____

APPROVED Robert J. Jewett DATE Nov 29/62

DISTRICT Traffic Authority

SCALE _____ SHEET 1 of 2



Junction Rd.



Junction Rd.

6" x 4" letters
6" x 4" letters

Kyles Hill Dr.

Yolanda Dr.

Doolan Lane

Kyles Hill Dr.

Hill Dr.

Kyles

Yolanda Dr.

Yolanda Dr.

Doolan Lane

C.B. Drive In Theatre

6" x 4" letters



ERECT
6" x 4" Hbrs

Section Lane →

Replace
with

MAX
80

ERECT
RB-1
20 x 112 cm

MAX
80

Victoria Junction Power Station

Coal Preparation Plant

White Flag Ave

Direct Time

ERECT
120 x 240

Left Turning
Traffic in
Left Lane

max
80
ERECT
RB-1
30 x 112 cm

Lingen Golf + CC

Traffic Signals



Island Speedway
Harding Medical Supplies

Littman/Tim Horbans

ICB Courier

Used Book Sales

Stirling
Apples
UNIVERSITY
COLLEGE
OF
CAPE
BRETON

max
80
ERECT
RB-1
30 x 112 cm

NSCC

Seaside Cable

CBRM Sewage Treatment

Relocate

Traffic Signals

replace with

Gardiner Rd.

Green Dr.

Mabus Court

Cartier-Jacq

PROJECT
RD-1
50 x 112 cm



Traffic Signals

Gardiner Rd.

Evergreen Dr.



Left Turning
Traffic in
Left Lane



Forrest
Haven
Cemetery

Elks Fabrication

ERECT
RB-1
50 x 112 cm

MAX
80

Used Car Sales

Airport

MAX
RB-1
50 x 112 cm
80

ERECT
6" x 4"
letters

Khathar Dr

RCMP

ERECT
RB-1
50 x 112 cm

max
80

ERECT
6" x 4"
letters

Old Airport Rd

ERECT
120 x 240

Left Turning
Traffic in
Left Lane

Khathar Dr

(P)

Old Airport Rd

Old Airport Rd
ERECT
6" x 4"
letters

Signs + stripes



MISSING
PERSON

Union Office

Khathar Dr

max
80

ERECT
RB-1
50 x 112 cm

ERECT
6" x 4"
letters

From: Bernie Clancey
To: Rob Sweet
Date: 12/2/02 3:30PM
Subject: Re: Warning Sign

Thanks for sending me the e-mail. I think the top one is the better choice followed closely by the second one. Let's leave out the expect.

It seems to me I have seen a similar sign at another location but I cannot place where it is at. I am thinking somewhere in HRM but am not sure exactly where. If there was another sign in use I would suggest we follow a similar message. If I figure out where it is at I will let you know where it is and what it says.

Bernie

>>> Rob Sweet 12/02/02 09:44AM >>>
Consider for Trunk 4, Sydney - Glace Bay Hwy.

Left Turning
Vehicles in
Left Lane

Left Turning Vehicles
in Left Lane

Expect
Left Turning
Vehicles in
Left lane

Expect
Stopped Vehicles
in Left Lane

Expect
Stopped Vehicles

Expect
Turning Vehicles

Expect
Stopped Vehicles
Next _ Km

Appendix "C"

Traffic Volume Data



****Diamond Hourly Volume Summary for : Thu, May 30 2002 to Mon, June 10 2002****

Name: 0004-230-01-2 Start Date: 30/05/2002 End Date: 10/06/2002 Counter: 561 Lane: 1
 County: CAPE BRETON Location: 3 KM EAST OF HWY 125 (EASTBOUND)

Hour Periods for 24 Hour Clock

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total
30T										624	623	742	806	863	967	1160	1052	798	580	631	560	494	265	147	10312
31F	61	46	33	33	57	165	408	755	555	624	696	749	764	897	1032	1193	1070	945	731	641	574	389	312	200	12930
1S	135	67	73	59	54	112	214	370	379	480	595	715	742	767	785	764	757	670	631	667	654	380	381	270	10721
2S	181	80	73	54	41	93	154	243	273	278	336	416	625	642	702	692	641	503	549	360	318	251	183	95	7783
Week Total:	41746																								
3M	80	66	38	22	50	169	412	775	642	563	692	684	712	795	890	1061	998	779	574	521	462	317	214	111	11627
4T	62	42	27	31	57	181	430	786	559	554	604	653	733	811	913	1140	1077	708	545	549	487	285	240	133	11607
5W	72	45	34	44	56	185	470	824	574	599	648	689	758	941	1025	1150	1069	769	627	522	533	282	246	154	12316
6T	41	41	29	33	61	176	421	859	654	591	711	692	825	795	927	1055	955	731	596	594	515	333	251	149	120355
7F	59	43	27	37	66	181	441	821	599	629	695	757	839	834	961	1041	1076	821	685	629	566	371	343	211	12732
8S	100	64	61	54	55	93	212	275	388	533	631	673	708	737	823	777	832	676	644	549	588	322	281	167	10243
9S	166	77	71	42	37	91	148	145	170	234	318	488	702	667	676	647	746	817	534	408	260	246	189	112	7991
Week Total:	78551																								
10M	54	35	30	37	70	166	374	789	540	511	611	661	715	742											
Week Total:	5335																								
																									5335

Group: A Week Total: 79611/7 = ADT 11373 x Factor 0.93 = AADT 10600* Total for Count: 125632



Name: 0004-230-02-2 Start Date: 30/05/2002 End Date: 10/06/2002 Counter: 525 Lane: 1
 County: CAPE BRETON Location: 3 KM EAST OF HWY 125 (WESTBOUND)

Diamond Hourly Volume Summary for : Thu, May 30 2002 to Mon, June 10 2002

Hour Periods for 24 Hour Clock

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total										
30T										747	703	786	794	751	1007	998	791	818	644		297	218	130	61	916										
31F	61	32	26	20	72	358	665	913	842	752	734	784	835	782	924	938	726	703	638		196	342	195	82	1238										
1S	88	58	28	28	52	192	319	449	601	677	759	700	729	780	723	557	619	660	652		380	393	222	158	1045										
2S	121	61	44	36	43	140	143	173	186	361	544	672	761	669	578	495	417	440	332	360	241	253	198	60	732										
Week Total:	39328										4 Day Average: 9832																								
3M	56	26	19	27	84	349	705	955	780	685	667	702	714	815	850	892	602	678	512	420	385	278	160	50	1141										
4T	63	26	18	29	86	381	715	909	771	656	687	733	715	733	881	899	685	649	595	459	333	237	133	62	1145										
5W	58	23	17	33	82	360	717	908	756	682	689	725	739	732	900	958	681	730	544	400	276	241	107	54	1141										
6T	57	25	23	21	76	325	683	868	763	662	710	716	692	756	846	896	666	731	540	408	338	252	125	86	1126										
7F	58	19	23	29	75	349	690	946	842	746	768	769	812	878	929	1034	722	689	631	567	425	351	169	101	1262										
8S	78	57	30	37	51	239	329	435	549	674	726	693	764	733	709	669	642	698	584	597	366	260	240	114	1027										
9S	92	45	33	32	45	128	173	167	241	319	438	569	666	585	558	523	422	420	362	445	260	303	132	60	701										
Week Total:	75457										7 Day Average: 10780																								
10M	57	28	16	32	80	372	684	868	693	628	634	672	719	714																					
Week Total:	6197										1 Day Average: 6197																								

Group: A Week Total: 76447/7 = ADT 10921 x Factor 0.93 = ADT 10200* Total for Count: 120982

Appendix "D"

Collision Data

From: Paul J. Smith
To: Gary Sellon
Date: 10/10/02 8:59AM
Subject: Collision info - Trunk 4, Section 230

Gary,

Could you provide Rob Sweet with a summary of all collisions on Trunk 4 - Section 230 for the past five (5) full years ?

As there will be a considerable number he'd prefer the one collision per line summary.
He'd like the info by Oct. 18, 2002 if possible.

Paul

CC: Rob Sweet

Table 2 - Collision Location Data

Year	Total Collisions Listed in Trunk 4, Section 230	Number of Collisions in 80 km/h Speed Zone	Number of Collisions Possibly in 80 km/h Speed Zone	Number of Collisions NOT in 80 km/h Speed Zone
1997	84	32 (38%)	12 (14%)	40 (47%)
1998	81	36 (43%)	14 (17%)	31 (38%)
1999	72	19 (26%)	37 (51%)	26 (36%)
2000	86	16 (19%)	48 (56%)	22 (25%)
2001	70	9 (13%)	44 (63%)	17 (24%)
Total	393	112 (28%)	145 (37%)	136 (35%)

Table 3 - Collision History

Year	Head on	Rear End	Right Angle	Pass/ Left turn	Head on Left	Pass/ Right Turn	Off Road	Side swipe s/d	Side Swipe o/d	Other	Ped	Total
1997	0	17	4	1	1	2	5	1	2	11	0	44
1998	2	22	7	0	1	3	5	2	1	6	1	50
1999	1	18	3	0	2	0	6	0	0	15	0	45
2000	0	18	2	0	1	0	2	2	0	39	0	64
2001	1	24	6	2	1	0	1	0	2	16	0	53
Total	4	99	22	3	6	5	19	5	5	87	1	256

NOVA SCOTIA DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
HIGHWAY ENGINEERING SERVICES
ASSET MANAGEMENT

TRUNK 4 SECTION 230 - HWY 125 EAST OF SYDNEY TO RESERVE MINES(WILSON RD)

CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
477615	1997/01/03	1 - Property Damage	RESERVE MINES	MAIN ST	0	03 - AT	98 - Not Stated	HWY 4	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	02 - Snow	12 - Other Specify
	1997/01/03	1 - Property Damage	RESERVE MINES	MAIN ST	0	03 - AT	98 - Not Stated	HWY 4	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	02 - Snow	12 - Other Specify
506450	1997/01/04	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn Head On
	1997/01/04	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	09 - Left Turn Head On
506036	1997/01/08	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	27 - Passing or Lane Usage Improper	01 - Daylight	04 - Wet	10 - Passing Left Turn
	1997/01/08	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	10 - Passing Left Turn
506144	1997/01/10	1 - Property Damage	SYDNEY	GRAND LAKE RD	5	01 - Motors	03 - East	GREEN RD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1997/01/09	1 - Property Damage	SYDNEY	GRAND LAKE RD	5	01 - Motors	03 - East	GREEN RD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
506034	1997/01/10	2 - Personal Injury	RESERVE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	TOMKINSVILLE RD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	03 - Ice	12 - Other Specify
	1997/01/10	2 - Personal Injury	RESERVE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	TOMKINSVILLE RD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other Specify
437406	1997/01/12	1 - Property Damage		GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	10 - Passing Left Turn
	1997/01/12	1 - Property Damage		GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	66 - Collision/Delbris	01 - Daylight	02 - Snow	10 - Passing Left Turn
494970	1997/01/13	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	1997/01/13	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	03 - Had Been Drinking	01 - Daylight	04 - Wet	04 - Rear End
507834	1997/01/17	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	LINK PRETRING	1	01 - Another Vehicle	97 - Not Applicable	03 - Dark	02 - Snow	05 - Right Angle

Monday, February 17, 2003

NOTE: EACH ACCIDENT INCIDENT IS SORTED BY DATE. IE IF A DATE IS NOT SHOWN IT PERTAINS TO THE SAME ACCIDENT WITH A DATE LINKED DIRECTLY ABOVE

CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
507834	1997/01/17	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	LINK PRINTING	2	01 - Another Vehicle	03 - Had Been Drinking	03 - Dark	98 - Not Stated	05 - Right Angle
506379	1997/01/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	20 - Ditch Bottom/Back Slope	01 - Driver Inattention	02 - Dark	04 - Wet	02 - Off Road Left
507846	1997/01/27	2 - Personal Injury	SYDNEY	GRAND LAKE RD	1	02 - Kilometers	98 - Not Stated	GARDNER MINES HWY	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
	1997/01/27	2 - Personal Injury	SYDNEY	GRAND LAKE RD	1	02 - Kilometers	98 - Not Stated	GARDNER MINES HWY	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	1997/01/27	2 - Personal Injury	SYDNEY	GRAND LAKE RD	1	02 - Kilometers	98 - Not Stated	GARDNER MINES HWY	3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
506007	1997/01/28	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	NEAR AIRPORT	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	11 - Passing Right Turn
	1997/01/28	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	NEAR AIRPORT	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	11 - Passing Right Turn
510265	1997/01/28	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	63 - Surface Slippage	01 - Daylight	03 - Ice	04 - Rear End
	1997/01/28	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
506004	1997/02/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	DRIVE IN	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	1997/02/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	DRIVE IN	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	1997/02/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	DRIVE IN	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
505998	1997/02/21	2 - Personal Injury	RESERVE MINES	MAIN ST	0	03 - AT	98 - Not Stated	GRAND LAKE ROAD	1	01 - Another Vehicle	24 - Driving Too Fast for Road Conditions	01 - Daylight	02 - Snow	04 - Rear End
	1997/02/21	2 - Personal Injury	RESERVE MINES	MAIN ST	0	03 - AT	98 - Not Stated	GRAND LAKE ROAD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
510283	1997/02/25	1 - Property Damage	KYTES HILL	HIGHWAY #4	0	03 - AT	98 - Not Stated	KYTES HILL DRIVE	1	01 - Another Vehicle	98 - Not Stated	03 - Dark	02 - Snow	12 - Other, Specify
	1997/02/25	1 - Property Damage	KYTES HILL	HIGHWAY #4	0	03 - AT	98 - Not Stated	KYTES HILL DRIVE	2	01 - Another Vehicle	98 - Not Stated	03 - Dark	02 - Snow	12 - Other, Specify
	1997/02/25	1 - Property Damage	KYTES HILL	HIGHWAY #4	0	03 - AT	98 - Not Stated	KYTES HILL DRIVE	3	01 - Another Vehicle	24 - Driving Too Fast for Road Conditions	03 - Dark	02 - Snow	12 - Other, Specify
485029	1997/02/28	2 - Personal Injury	GRAND LAKE	#4 HWY	0	03 - AT	98 - Not Stated	MAINFLOWER LANE	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End

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CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
488029	1997/02/26	2 - Personal Injury	GRAND LAKE	#4 HWY	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	03 - Had Been Drinking	01 - Daylight	01 - Dry	04 - Rear End
505592	1997/03/03	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	KYLES HILL & HWY 125	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
481980	1997/03/03	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	KYLES HILL & HWY 125	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1997/03/04	1 - Property Damage	GRAND LAKE ROAD	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
	1997/03/04	1 - Property Damage	GRAND LAKE ROAD	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB	2	01 - Another Vehicle	22 - Traffic Control Device Disregarded	01 - Daylight	01 - Dry	05 - Right Angle
506011	1997/03/08	2 - Personal Injury	SYDNEY	HWY 4	0	03 - AT	98 - Not Stated	HWY 125 RAAP	1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	12 - Other Specify
	1997/03/08	2 - Personal Injury	SYDNEY	HWY 4	0	03 - AT	98 - Not Stated	HWY 125 RAAP	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	98 - Not Stated	12 - Other Specify
506015	1997/03/11	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	FOREST HAVEN CEMETRY	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	1997/03/11	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	FOREST HAVEN CEMETRY	2	01 - Another Vehicle	23 - Following Too Closely	01 - Daylight	04 - Wet	04 - Rear End
	1997/03/11	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	FOREST HAVEN CEMETRY	3	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
510314	1997/03/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	DAIRY QUEEN	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1997/03/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	DAIRY QUEEN	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
494362	1997/03/14	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB	1	20 - Ditch Bottom Back Slope	43 - Steering	01 - Daylight	01 - Dry	03 - Off Road Right
405144	1997/03/18	2 - Personal Injury	SYDNEY	HWY#4	0	03 - AT	98 - Not Stated	KYTES HILL	1	01 - Another Vehicle	76 - Uninvolved Vehicle	01 - Daylight	04 - Wet	04 - Rear End
	1997/03/18	2 - Personal Injury	SYDNEY	HWY#4	0	03 - AT	98 - Not Stated	KYTES HILL	2	01 - Another Vehicle	76 - Uninvolved Vehicle	01 - Daylight	04 - Wet	04 - Rear End
	1997/03/18	2 - Personal Injury	SYDNEY	HWY#4	0	03 - AT	98 - Not Stated	KYTES HILL	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
494964	1997/03/21	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	WALTERS LAKE	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	1997/03/21	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	WALTERS LAKE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End

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494864	1997/03/21	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	WALTERS LANE	3	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	04 - Wet	04 - Rear End
505980	1997/03/26	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	2.5	02 - Kilometers	04 - West		1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	03 - Ice	12 - Other Specify
510328	1997/03/26	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	2.5	02 - Kilometers	04 - West		2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	03 - Ice	12 - Other Specify
	1997/03/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1997/03/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
488056	1997/04/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	300	01 - Meters	98 - Not Stated	HWY 125	1	54 - Shudding/Sliding	01 - Driver Inattention	02 - Dark	04 - Wet	03 - Off Road Right
505974	1997/04/09	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1997/04/09	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	98 - Not Stated	04 - Rear End
488051	1997/04/24	1 - Property Damage	GARDINER MINES	HWY 4	0	03 - AT	98 - Not Stated	GARDINER MINES RD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	06 - Sideswipe, Same Direction
	1997/04/24	1 - Property Damage	GARDINER MINES	HWY 4	0	03 - AT	98 - Not Stated	GARDINER MINES RD	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	06 - Sideswipe, Same Direction
494940	1997/04/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	10	01 - Meters	04 - West	INDUSTRIAL DRIVE	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	1997/04/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	10	01 - Meters	04 - West	INDUSTRIAL DRIVE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	1997/04/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	10	01 - Meters	04 - West	INDUSTRIAL DRIVE	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
488052	1997/04/30	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	ENTRANCE OF U C B	1	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	05 - Right Angle
	1997/04/30	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	ENTRANCE OF U C B	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	05 - Right Angle
505975	1997/04/30	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDINER ROAD	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	07 - Sideswipe, Opposite Direction
	1997/04/30	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDINER ROAD	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	07 - Sideswipe, Opposite Direction
488183	1997/05/13	1 - Property Damage	GARDINER MINES	HIGHWAY #4	0	03 - AT	98 - Not Stated	GARDINER MINES RD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn, Head On

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486183	1997/05/13	1 - Property Damage	GARDNER MINES	HIGHWAY #4	0	03 - AT	98 - Not Stated	GARDNER MINES RD	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	09 - Left Turn Head On
506320	1997/05/21	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	150	01 - Meters	98 - Not Stated	HWY#125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	1997/05/21	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	150	01 - Meters	98 - Not Stated	HWY#125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
506339	1997/05/23	1 - Property Damage	RESERVE MINES	HWY#4	0	03 - AT	98 - Not Stated	MAIN STREET	1	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	09 - Left Turn Head On
	1997/05/23	1 - Property Damage	RESERVE MINES	HWY#4	0	03 - AT	98 - Not Stated	MAIN STREET	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn Head On
506301	1997/05/31	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	BUDS SPEEDWAY	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	11 - Passing Right Turn
	1997/05/31	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	BUDS SPEEDWAY	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	11 - Passing Right Turn
506305	1997/06/10	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	AIRPORT ROAD	1	22 - Traffic Barricade	43 - Steering	01 - Daylight	01 - Dry	03 - Off Road Right
505966	1997/06/20	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0.8	02 - Kilometers	03 - East	VICTORIA JCT RD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
506333	1997/06/21	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0.8	02 - Kilometers	03 - East	VICTORIA JCT RD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
510369	1997/06/21	2 - Personal Injury	VICTORIA JUNCTION	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	04 - Bicycle	24 - Driving Too Fast for Road Conditions	02 - Dark	04 - Wet	12 - Other Specify
	1997/06/21	2 - Personal Injury	VICTORIA JUNCTION	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	32 - Carbang	41 - Lights	02 - Dark	04 - Wet	12 - Other Specify
486037	1997/07/02	2 - Personal Injury	VICTORIA JUNCTION	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	23 - Following Too Closely	01 - Daylight	01 - Dry	04 - Rear End
	1997/07/02	2 - Personal Injury	VICTORIA JUNCTION	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
506384	1997/07/12	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other Specify
	1997/07/12	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	42 - Vision Obstructions Obscure	01 - Daylight	01 - Dry	12 - Other Specify
505947	1997/07/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	43 - Debris	66 - Obstructions/Debris	01 - Daylight	01 - Dry	12 - Other Specify

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488166	1997/08/08	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	INTER GREEN ROAD	1	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	09 - Left Turn, Head On
	1997/08/08	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	INTER GREEN ROAD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn, Head On
	1997/08/08	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	INTER GREEN ROAD	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn, Head On
510437	1997/08/08	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1997/08/08	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated 04	Rear End
506281	1997/08/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
	1997/08/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
506335	1997/08/16	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	03 - East	GREEN ROAD	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1997/08/16	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	03 - East	GREEN ROAD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
505681	1997/08/18	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1997/08/18	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	98 - Not Stated 04	Rear End
510428	1997/09/02	2 - Personal Injury	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1997/09/02	2 - Personal Injury	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	98 - Not Stated 04	Rear End
510063	1997/09/05	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	22 - Traffic Control Device Disregarded	02 - Dark	01 - Dry	05 - Right Angle
	1997/09/05	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	22 - Traffic Control Device Disregarded	02 - Dark	01 - Dry	05 - Right Angle
488003	1997/09/09	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	UCCB DRIVEWAY	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
	1997/09/09	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	UCCB DRIVEWAY	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
505873	1997/09/09	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	UCCB	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End

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505873	1997/09/09	1 - Property Damage		GRAND LAKE RD	0	03 - AT	98 - Not Stated	U C C B	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
	1997/09/09	1 - Property Damage		GRAND LAKE RD	0	03 - AT	98 - Not Stated	U C C B	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
505929	1997/09/12	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	INTERSECTION HWY 125	1	01 - Another Vehicle	76 - Uninvolved Vehicle	01 - Daylight	01 - Dry	12 - Other Specify
	1997/09/12	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	INTERSECTION HWY 125	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other Specify
510074	1997/09/16	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1997/09/16	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
505931	1997/09/24	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	ENTANCE TO COLLEGE	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	1997/09/24	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	ENTANCE TO COLLEGE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
506284	1997/09/29	1 - Property Damage	GRAND LAKE	HWY 4	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn Head On
	1997/09/29	1 - Property Damage	GRAND LAKE	HWY 4	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	09 - Left Turn Head On
506338	1997/09/30	2 - Personal Injury	SYDNEY	GRAND LAKE RD	20	01 - Meters	03 - East	MAYFLOWER MALL	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	1997/09/30	2 - Personal Injury	SYDNEY	GRAND LAKE RD	20	01 - Meters	03 - East	MAYFLOWER MALL	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
	1997/09/30	2 - Personal Injury	SYDNEY	GRAND LAKE RD	20	01 - Meters	03 - East	MAYFLOWER MALL	3	01 - Another Vehicle	05 - Extreme Faigue	01 - Daylight	04 - Wet	04 - Rear End
505934	1997/10/01	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	WASH PLANT	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other Specify
	1997/10/01	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	WASH PLANT	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other Specify
488005	1997/10/04	1 - Property Damage	GRAND LAKE	HWY#4	10	01 - Meters	03 - East	MAYFLOWER MALL	1	01 - Another Vehicle	28 - Turning Improper	01 - Daylight	01 - Dry	11 - Passing Right Turn
	1997/10/04	1 - Property Damage	GRAND LAKE	HWY#4	10	01 - Meters	03 - East	MAYFLOWER MALL	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	11 - Passing Right Turn
505985	1997/10/07	1 - Property Damage	RESERVE	HIGHWAY 4	0.5	02 - Kilometers	03 - East	OLD AIRPORT ROAD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End

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505985	1997/10/07	1 - Property Damage	RESERVE	117 HWY 4	0.5	02 - Kilometers	03 - East	OLD AIRPORT ROAD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
510104	1997/10/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
	1997/10/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify
505942	1997/10/22	1 - Property Damage	SYDNEY	GRAND LAKE RD	5	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1997/10/22	1 - Property Damage	SYDNEY	GRAND LAKE RD	5	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1997/10/22	1 - Property Damage	SYDNEY	GRAND LAKE RD	5	03 - AT	98 - Not Stated	HWY 125	3	01 - Another Vehicle	23 - Following Too Closely	01 - Daylight	01 - Dry	04 - Rear End
	1997/10/22	1 - Property Damage	SYDNEY	GRAND LAKE RD	5	03 - AT	98 - Not Stated	HWY 125	4	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
505966	1997/11/05	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	LIGHTS AT MALL	1	01 - Another Vehicle	25 - Exceeding Speed Limit	01 - Dry	01 - Dry	04 - Rear End
	1997/11/05	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	LIGHTS AT MALL	2	01 - Another Vehicle	98 - Not Stated	98 - Not Stated	04 - Rear End	98 - Not Stated 04 - Rear End
488021	1997/11/15	2 - Personal Injury	GARDNER	GRAND LAKE ROAD	0.3	02 - Kilometers	04 - West	#28 HWY	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
	1997/11/15	2 - Personal Injury	GARDNER	GRAND LAKE ROAD	0.3	02 - Kilometers	04 - West	#28 HWY	2	01 - Another Vehicle	97 - Not Applicable	02 - Dark	04 - Wet	04 - Rear End
505871	1997/11/15	1 - Property Damage	SYDNEY	GRAND LAKE RD	3	02 - Kilometers	03 - East	HWY 125	1	02 - Animal	60 - Animal Action (Deer)	02 - Dark	04 - Wet	01 - Struck Object
510325	1997/11/15	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	500	01 - Meters	03 - East	HWY #125	1	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	04 - Wet	04 - Rear End
	1997/11/15	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	500	01 - Meters	03 - East	HWY #125	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	04 - Wet	04 - Rear End
488068	1997/11/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	YOUNG STREET	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	02 - Snow	05 - Right Angle
	1997/11/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	YOUNG STREET	2	01 - Another Vehicle	21 - Failure to Yield Right-of-Way	02 - Dark	02 - Snow	05 - Right Angle
505909	1997/11/29	1 - Property Damage	RESERVE LINES	MAIN ST	0	03 - AT	98 - Not Stated	SYDNEY GLACE BAY HWY	1	01 - Another Vehicle	63 - Surface Slippery	02 - Dark	03 - Ice	12 - Other, Specify
	1997/11/29	1 - Property Damage	RESERVE LINES	MAIN ST	0	03 - AT	98 - Not Stated	SYDNEY GLACE BAY HWY	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	98 - Not Stated	04 - Rear End

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CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
506391	1997/11/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	32 - Crossed Centre Line	02 - Dark	07 - Slush	05 - Right Angle
	1997/11/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	02 - Dark	07 - Slush	05 - Right Angle
506317	1997/12/01	1 - Property Damage	RESERVE MINES	RESERVE ST	0.1	02 - Kilometers	03 - East	MAIN ST	1	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	07 - Slush	09 - Left Turn, Head On
	1997/12/01	1 - Property Damage	RESERVE MINES	RESERVE ST	0.1	02 - Kilometers	03 - East	MAIN ST	2	35 - Snow Embankment/Drift	63 - Surface Slippery	01 - Daylight	07 - Slush	09 - Left Turn, Head On
510404	1997/12/01	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MILLERWOOD RENTAL	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	10 - Passing Left Turn
	1997/12/01	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MILLERWOOD RENTAL	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	10 - Passing Left Turn
463548	1997/12/03	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MALL ENTRANCE	1	01 - Another Vehicle	98 - Not Stated	03 - Dark	04 - Wet	04 - Rear End
	1997/12/03	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MALL ENTRANCE	2	01 - Another Vehicle	01 - Driver Inattention	03 - Dark	04 - Wet	04 - Rear End
505926	1997/12/03	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0.4	02 - Kilometers	04 - West	KYTE'S HILL	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
	1997/12/03	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0.4	02 - Kilometers	04 - West	KYTE'S HILL	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
	1997/12/03	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0.4	02 - Kilometers	04 - West	KYTE'S HILL	3	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	04 - Wet	04 - Rear End
507662	1997/12/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	04 - Wet	05 - Right Angle
	1997/12/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	05 - Right Angle
	1997/12/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	05 - Right Angle
507675	1997/12/08	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	LYNCH PRINTING	1	54 - Skidding/Sliding	63 - Surface Slippery	02 - Dark	04 - Wet	04 - Rear End
	1997/12/08	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	LYNCH PRINTING	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
507676	1997/12/13	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	UCCB LIGHTS	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	1997/12/13	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	UCCB LIGHTS	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End

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507688	1997/12/16	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	YOLANDA DRIVE	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1997/12/16	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	YOLANDA DRIVE	2	01 - Another Vehicle	67 - View Obstructed/Limit	01 - Daylight	01 - Dry	04 - Rear End
463274	1997/12/20	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	02 - Snow	04 - Rear End
	1997/12/20	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	02 - Dark	02 - Snow	04 - Rear End
507685	1997/12/22	1 - Property Damage	GRAND LAKE	HWY 4	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	98 - Not Stated	03 - Dusk	01 - Dry	09 - Left Turn Head On
	1997/12/22	1 - Property Damage	GRAND LAKE	HWY 4	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	03 - Dusk	01 - Dry	09 - Left Turn Head On
510202	1997/12/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other Specify
	1997/12/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other Specify
507714	1997/12/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	KYLES HILLS DRIVE	1	01 - Another Vehicle	97 - Not Applicable	03 - Dusk	01 - Dry	04 - Rear End
	1997/12/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	KYLES HILLS DRIVE	2	01 - Another Vehicle	98 - Not Stated	03 - Dusk	98 - Not Stated	04 - Rear End
507668	1997/12/28	2 - Personal Injury	RESERVE MINES	GLACE BAY HWY	0	03 - AT	98 - Not Stated	OLD AIRPORT RD	1	54 - Skidding/Sliding	63 - Surface Slippery	02 - Dark	02 - Snow	07 - Sideswipe Opposite Direction
	1997/12/28	2 - Personal Injury	RESERVE MINES	GLACE BAY HWY	0	03 - AT	98 - Not Stated	OLD AIRPORT RD	2	01 - Another Vehicle	63 - Surface Slippery	02 - Dark	02 - Snow	07 - Sideswipe Opposite Direction
507653	1997/12/28	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	1	02 - Kilometers	03 - East	SYDNEY AIRPORT	1	54 - Skidding/Sliding	63 - Surface Slippery	01 - Daylight	07 - Slush	03 - Off Road Right
463534	1997/12/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	04 - Rear End
	1997/12/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	02 - Dark	98 - Not Stated	04 - Rear End
507680	1998/01/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	30	01 - Meters	04 - West	U.C.B CAMPUS INTER	1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	07 - Slush	11 - Passing Right Turn
	1998/01/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	30	01 - Meters	04 - West	U.C.B CAMPUS INTER	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	07 - Slush	11 - Passing Right Turn
463542	1998/01/08	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	WASHPLANT AREA	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	98 - Not Stated

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463542	1998/01/08	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	WASHPLANT AREA	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	98 - Not Stated
490580	1998/01/13	2 - Personal Injury	RESERVE MINES	SYDNEY GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	03 - Ice	04 - Rear End
	1998/01/13	2 - Personal Injury	RESERVE MINES	SYDNEY GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	02 - Dark	03 - Ice	04 - Rear End
	1998/01/13	2 - Personal Injury	RESERVE MINES	SYDNEY GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	04 - Rear End
	1998/01/13	2 - Personal Injury	RESERVE MINES	SYDNEY GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated		4	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
505987	1998/01/13	2 - Personal Injury	RESERVE MINES	SYDNEY GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	09 - Left Turn Head On
	1998/01/14	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	09 - Left Turn Head On
	1998/01/14	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	GARDNER MINES HWY	1	01 - Another Vehicle	23 - Following Too Closely	02 - Dark	04 - Wet	04 - Rear End
490566	1998/01/23	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	03 - AT	98 - Not Stated	GARDNER MINES HWY	2	01 - Another Vehicle	23 - Following Too Closely	02 - Dark	04 - Wet	04 - Rear End
507736	1998/01/31	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
	1998/01/31	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	03 - Had Been Drinking	02 - Dark	04 - Wet	04 - Rear End
532170	1998/01/31	3 - Fatal	GRAND LAKE	HWY#4	0	98 - Not Stated	98 - Not Stated		1	03 - Pedestrian	29 - Pedestrian Error/Confusion	02 - Dark	04 - Wet	01 - Struck Object
507744	1998/02/04	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	PAST LIGHTS UCCB	1	01 - Another Vehicle	69 - Construction Zone	01 - Daylight	01 - Dry	12 - Other Specify
	1998/02/04	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	PAST LIGHTS UCCB	2	01 - Another Vehicle	69 - Construction Zone	01 - Daylight	01 - Dry	12 - Other Specify
	1998/02/04	1 - Property Damage	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	PAST LIGHTS UCCB	3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other Specify
532165	1998/02/27	2 - Personal Injury	VICTORIA JUNCTION	HIGHWAY#4	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	05 - Right Angle
	1998/02/27	2 - Personal Injury	VICTORIA JUNCTION	HIGHWAY#4	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	05 - Right Angle
486070	1998/02/28	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End

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CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
488070	1998/02/28	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
	1998/02/28	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
532175	1998/03/11	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	1	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	09 - Left Turn Head On
	1998/03/11	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	09 - Left Turn Head On
531878	1998/03/15	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	UNION HWY	1	01 - Another Vehicle	21 - Failure to Yield Right-of-Way	01 - Daylight	04 - Wet	05 - Right Angle
	1998/03/15	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	UNION HWY	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	02 - Snow	05 - Right Angle
488191	1998/03/18	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn Head On
	1998/03/18	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	2	01 - Another Vehicle	21 - Failure to Yield Right-of-Way	01 - Daylight	01 - Dry	09 - Left Turn Head On
507757	1998/03/20	2 - Personal Injury	SYDNEY	UNIVERSITY BLVD	0	03 - AT	98 - Not Stated	GRAND LAKE RD	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	03 - Ice	04 - Rear End
	1998/03/20	2 - Personal Injury	SYDNEY	UNIVERSITY BLVD	0	03 - AT	98 - Not Stated	GRAND LAKE RD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
470665	1998/03/21	1 - Property Damage	SYDNEY	INDUSTRIAL DRIVE	0	03 - AT	98 - Not Stated	GRAND LAKE ROAD	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	11 - Passing Right Turn
	1998/03/21	1 - Property Damage	SYDNEY	INDUSTRIAL DRIVE	0	03 - AT	98 - Not Stated	GRAND LAKE ROAD	2	01 - Another Vehicle	28 - Turning Improper	01 - Daylight	01 - Dry	11 - Passing Right Turn
488080	1998/03/04	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	63 - Surface Slippery	02 - Dark	07 - Slush	07 - Sideswipe Opposite Direction
	1998/03/04	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	24 - Driving Too Fast for Road Conditions	02 - Dark	07 - Slush	07 - Sideswipe Opposite Direction
488183	1998/04/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	2	02 - Meters	98 - Not Stated	HWY 125 BYPASS	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	06 - Sideswipe Same Direction
	1998/04/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	2	02 - Meters	98 - Not Stated	HWY 125 BYPASS	2	01 - Another Vehicle	25 - Exceeding Speed Limit	02 - Dark	98 - Not Stated	08 - Sideswipe Same Direction
488084	1998/04/13	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	01 - Norm	HWY#125	1	54 - Sheddling Sliding	63 - Surface Slippery	01 - Daylight	07 - Slush	01 - Struck Object
531918	1998/04/15	1 - Property Damage	GARDINER MINES	GRAND LAKE ROAD	0	03 - AT	06 - Not Stated	GARDINER MINES ROAD	1	01 - Another Vehicle	42 - Vision Obstructions Obscure	01 - Daylight	01 - Dry	06 - Sideswipe Same Direction

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531918	1998/04/15	1 - Property Damage	GARDNER MIRES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDNER MIRES ROAD	2	01 - Another Vehicle	42 - Vision Obstructions/Obscure	01 - Daylight	01 - Dry	06 - Sideswipe, Same Direction
1998/04/15		1 - Property Damage	GARDNER MIRES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDNER MIRES ROAD	3	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	01 - Dry	06 - Sideswipe, Same Direction
488088	1998/04/17	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	03 - East	SYDNEY BY-PASS	1	02 - Animal	80 - Animal Action (Burr)	03 - Dark	01 - Dry	01 - Struck Object
526878	1998/04/17	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	01 - North	HWY 125 TURN OFF	1	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	01 - Dry	12 - Other, Specify
1998/04/17		1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	01 - North	HWY 125 TURN OFF	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
488087	1998/04/21	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
1998/04/21		2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
510402	1998/05/12	2 - Personal Injury	VICTORIA JUNCTION	GRAND LAKE ROAD	360	01 - Meters	01 - North	MAYFLOWER MALL	1	50 - Ran Off Road	98 - Not Stated	02 - Dark	97 - Not Applicable	03 - Off Road Right
488193	1998/05/20	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
1998/05/20		1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
507881	1998/05/28	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0.1	02 - Kilometers	98 - Not Stated	GARDNER INTER	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
1998/05/28		2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0.1	02 - Kilometers	98 - Not Stated	GARDNER INTER	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
531938	1998/05/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	JUNCTION ROAD	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
1998/05/28		1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	JUNCTION ROAD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
531940	1998/05/28	2 - Personal Injury	RESERVE MIRES	GRAND LAKE ROAD	0.1	02 - Kilometers	98 - Not Stated	GARDNER INTER	1	29 - Tree Bush	24 - Driving Too Fast for Road Conditions	01 - Daylight	04 - Wet	03 - Off Road Right
510399	1998/06/08	2 - Personal Injury	VICTORIA JUNCTION	GARDI LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB LIGHTS	1	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	05 - Right Angle
1998/06/08		2 - Personal Injury	VICTORIA JUNCTION	GARDI LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB LIGHTS	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	05 - Right Angle
488114	1998/06/15	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	3	01 - Meters	01 - North	HIGHWAY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn, Head On

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CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
485114	1998/06/15	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	3	01 - Meters	01 - North	HIGHWAY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	09 - Left Turn, Head On
531887	1998/06/18	1 - Property Damage	VICTORIA JUNCTION	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	UNION HWY	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1998/06/18	1 - Property Damage	VICTORIA JUNCTION	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	UNION HWY	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
531888	1998/06/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	6	03 - AT	98 - Not Stated	SYDNEY BYPASS HWY 125	1	01 - Another Vehicle	26 - Turning Improper	01 - Daylight	01 - Dry	05 - Right Angle
	1998/06/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	6	03 - AT	98 - Not Stated	SYDNEY BYPASS HWY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	05 - Right Angle
485130	1998/06/23	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	YOLAHDA DRIVE	1	01 - Another Vehicle	07 - Driver Inattention/Concussion	01 - Daylight	01 - Dry	07 - Sideswipe, Opposite Direction
	1998/06/23	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	6	98 - Not Stated	98 - Not Stated	YOLAHDA DRIVE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	07 - Sideswipe, Opposite Direction
485122	1998/06/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	KYTES HILL	1	20 - Ditch Bottom/Back Slope	06 - Fell Asleep	02 - Dark	01 - Dry	01 - Struck Object
485133	1998/07/14	1 - Property Damage	RESERVE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	OLD AIRPORT ROAD	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1998/07/14	1 - Property Damage	RESERVE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	OLD AIRPORT ROAD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
485127	1998/07/17	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDNER ROAD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1998/07/17	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDNER ROAD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
532222	1998/07/26	1 - Property Damage	RESERVE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	TIM HORTONS LOT	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	11 - Passing Right Turn
	1998/07/26	1 - Property Damage	RESERVE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	TIM HORTONS LOT	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	11 - Passing Right Turn
485116	1998/07/29	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	RAYFLOWER SMALL LIGHT	1	01 - Another Vehicle	07 - Driver Inattention/Concussion	02 - Dark	01 - Dry	12 - Other Specify
	1998/07/29	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	RAYFLOWER SMALL LIGHT	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	12 - Other Specify
485145	1998/08/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	RAYFLOWER SMALL LIGHT	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	98 - Not Stated
	1998/08/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	RAYFLOWER SMALL LIGHT	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	98 - Not Stated

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CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
488149	1998/08/25	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL LIGHT	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
	1998/08/25	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL LIGHT	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	98 - Not Stated	04 - Rear End
549853	1998/08/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	20	01 - Meters	02 - South	EXIT 9	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
	1998/08/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	20	01 - Meters	02 - South	EXIT 9	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify
488152	1998/09/10	2 - Personal Injury	RESERVE MINES	RESERVE ST	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1998/09/10	2 - Personal Injury	RESERVE MINES	RESERVE ST	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1998/09/10	2 - Personal Injury	RESERVE MINES	RESERVE ST	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	98 - Not Stated	04 - Rear End
531850	1998/09/11	2 - Personal Injury	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	1998/09/11	2 - Personal Injury	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	21 - Failure to Yield Right-of-Way	01 - Daylight	01 - Dry	12 - Other, Specify
	1998/09/11	2 - Personal Injury	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	HIGHWAY 125	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify
531825	1998/09/13	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UNION HWY	1	01 - Another Vehicle	23 - Following Too Closely	01 - Daylight	01 - Dry	04 - Rear End
	1998/09/13	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UNION HWY	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	97 - Not Applicable	04 - Rear End
488160	1998/09/18	2 - Personal Injury	SYDNEY	HWY#4	0	03 - AT	98 - Not Stated	KYTES HILL DR	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1998/09/18	2 - Personal Injury	SYDNEY	HWY#4	0	03 - AT	98 - Not Stated	KYTES HILL DR	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
488157	1998/09/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	01 - North		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1998/09/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	01 - North		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
	1998/09/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	01 - North		3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
488167	1998/09/25	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End

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488167	1998/09/25	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
488172	1998/10/01	2 - Personal Injury	SYDNEY	HIGHWAY 4	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	01 - Struck Object
488173	1998/10/01	2 - Personal Injury	SYDNEY	HIGHWAY 4	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	97 - Not Applicable	01 - Struck Object
	1998/10/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	2	02 - Kilometers	04 - West	HIGHWAY #125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1998/10/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	2	02 - Kilometers	04 - West	HIGHWAY #125	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	1998/10/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	2	02 - Kilometers	04 - West	HIGHWAY #125	3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
507667	1998/10/08	1 - Property Damage	SYDNEY	HWY#4	0	03 - AT	98 - Not Stated	UCCB	1	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	05 - Right Angle
	1998/10/08	1 - Property Damage	SYDNEY	HWY#4	0	03 - AT	98 - Not Stated	UCCB	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	05 - Right Angle
507765	1998/10/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	02 - Kilometers	02 - South	HWY#125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1998/10/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	02 - Kilometers	02 - South	HWY#125	2	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	01 - Dry	04 - Rear End
507779	1998/10/14	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	DAYTONA TIRE	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1998/10/14	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	DAYTONA TIRE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
488008	1998/10/24	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL LOT	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
	1998/10/24	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL LOT	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify
531810	1998/10/30	1 - Property Damage	VICTORIA JUNCTION	GRAND LAKE ROAD	100	01 - Meters	04 - West	WASH PLANT ROAD	1	01 - Another Vehicle	76 - Uninvolved Vehicle	02 - Dark	01 - Dry	04 - Rear End
	1998/10/30	1 - Property Damage	VICTORIA JUNCTION	GRAND LAKE ROAD	100	01 - Meters	04 - West	WASH PLANT ROAD	2	01 - Another Vehicle	78 - Uninvolved Vehicle	02 - Dark	01 - Dry	04 - Rear End
507796	1998/10/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	1998/10/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	75 - Hydroplaning	01 - Daylight	04 - Wet	04 - Rear End

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507798	1998/11/01	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	03 - Dark	01 - Dry	05 - Right Angle
	1998/11/01	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	03 - Dark	01 - Dry	05 - Right Angle
519715	1998/11/02	1 - Property Damage	RESERVE	HWY#4	0	03 - AT	98 - Not Stated	ENTRANCE TO UCCB	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1998/11/02	1 - Property Damage	RESERVE	HWY#4	0	03 - AT	98 - Not Stated	ENTRANCE TO UCCB	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
507807	1998/11/09	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	11 - Passing Right Turn
	1998/11/09	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	11 - Passing Right Turn
532128	1998/11/09	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
	1998/11/09	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated		2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	05 - Right Angle
488178	1998/11/14	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	09 - Left Turn Head On
	1998/11/14	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn Head On
507812	1998/11/15	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	07 - Slush	04 - Rear End
	1998/11/15	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
512288	1998/11/21	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	40 - Brakes	01 - Daylight	04 - Wet	04 - Rear End
	1998/11/21	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	40 - Brakes	01 - Daylight	01 - Dry	04 - Rear End
507724	1998/11/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	DOOLANS LAKE	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1998/11/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	DOOLANS LAKE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
532138	1998/11/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	DRIVEWAY VILLAGE AUT	1	54 - Sliding/Striking	01 - Driver Inattention	02 - Dark	01 - Dry	11 - Passing Right Turn
	1998/11/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	DRIVEWAY VILLAGE AUT	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	11 - Passing Right Turn

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532092	1998/11/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	67 - View Obstructed/Unit	01 - Daylight	01 - Dry	10 - Passing, Left Turn
	1998/11/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	10 - Passing, Left Turn
463590	1998/12/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	12 - Other, Specify
	1998/12/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	12 - Other, Specify
507852	1998/12/03	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	OLD AIRPORT ROAD	1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	03 - Ice	08 - Head On
	1998/12/03	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	OLD AIRPORT ROAD	2	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	03 - Ice	08 - Head On
507854	1998/12/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	ACROSS FROM UCCB	1	20 - Ditch Bottom Back Slope	63 - Surface Slippery	01 - Daylight	03 - Ice	02 - Off Road Left
507855	1998/12/03	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	WASH PLANT	1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	03 - Ice	08 - Head On
	1998/12/03	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	WASH PLANT	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	08 - Head On
507858	1998/12/03	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	PAST OLD AIRPORT RD	1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	03 - Ice	12 - Other, Specify
	1998/12/03	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	PAST OLD AIRPORT RD	2	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	98 - Not Stated	12 - Other, Specify
531812	1998/12/03	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	PAST OLD AIRPORT RD	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	03 - Ice	12 - Other, Specify
549902	1998/12/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	200	01 - Meters	03 - East	OLD AIRPORT ROAD	1	20 - Ditch Bottom Back Slope	24 - Driving Too Fast for Road Conditions	01 - Daylight	03 - Ice	03 - Off Road Right
	1998/12/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	03 - Ice	05 - Right Angle
	1998/12/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	03 - Ice	05 - Right Angle
507860	1998/12/09	1 - Property Damage	RESERVE MINES	RESERVE MINES HIGHWAY	300	01 - Meters	01 - North	DOMINION STREET	1	01 - Another Vehicle	76 - Uninvolved Vehicle	03 - Dusk	01 - Dry	12 - Other, Specify
	1998/12/09	1 - Property Damage	RESERVE MINES	RESERVE MINES HIGHWAY	300	01 - Meters	01 - North	DOMINION STREET	2	01 - Another Vehicle	97 - Not Applicable	03 - Dusk	01 - Dry	12 - Other, Specify
	1998/12/09	1 - Property Damage	RESERVE MINES	RESERVE MINES HIGHWAY	300	01 - Meters	01 - North	DOMINION STREET	3	01 - Another Vehicle	97 - Not Applicable	03 - Dusk	98 - Not Stated	12 - Other, Specify

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532100	1998/12/10	2 - Personal Injury	RESERVE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDNER ROAD	1	01 - Another Vehicle	21 - Failure to Yield Right-of-Way	02 - Dark	04 - Wet	09 - Left Turn Head On
	1998/12/10	2 - Personal Injury	RESERVE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDNER ROAD	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	09 - Left Turn Head On
488077	1998/12/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1998/12/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	2	01 - Another Vehicle	25 - Exceeding Speed Limit	01 - Daylight	01 - Dry	04 - Rear End
532142	1998/12/16	2 - Personal Injury	RESERVE MILES	HIGHWAY 4	0.2	02 - Kilometers	04 - West	TOMPKINSVILLE RD	1	26 - Telephone/Power	01 - Driver Inattention	03 - Dark	01 - Dry	12 - Other, Specify
549755	1998/12/17	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	98 - Not Stated	03 - Dark	04 - Wet	04 - Rear End
	1998/12/17	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	98 - Not Stated	03 - Dark	04 - Wet	04 - Rear End
507883	1998/12/20	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	KYTES HILL	1	50 - Ran Off Road	63 - Surface Slippery	02 - Dark	03 - Ice	12 - Other, Specify
532135	1998/12/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	97 - Not Applicable	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
	1998/12/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	97 - Not Applicable	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	04 - Wet	04 - Rear End
530856	1998/12/28	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1998/12/28	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
507880	1998/12/29	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	INDUSTRIAL DRIVE	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	98 - Not Stated
	1998/12/29	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	INDUSTRIAL DRIVE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	98 - Not Stated
507881	1998/12/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDNER ROAD	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1998/12/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDNER ROAD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
530869	1999/01/08	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	WELTON STREET	1	03 - Pedestrian Vehicle	76 - Uninvolved Vehicle	01 - Daylight	03 - Ice	01 - Struck Object
532052	1999/01/21	1 - Property Damage	RESERVE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB LIGHTS	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle

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532052	1999/01/21	1 - Property Damage	RESERVE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB LIGHTS	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	05 - Right Angle
530875	1999/01/26	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	ENTRANCE TO #1172	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1999/01/26	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	ENTRANCE TO #1172	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
531911	1999/01/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	01 - North	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	05 - Right Angle
	1999/01/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	01 - North	HWY 125	2	01 - Another Vehicle	47 - Engine/Power Train	01 - Daylight	01 - Dry	05 - Right Angle
532129	1999/01/28	1 - Property Damage	GRAND LAKE	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1999/01/28	1 - Property Damage	GRAND LAKE	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
507920	1999/02/07	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDINER ROAD	1	01 - Another Vehicle	76 - Uninvolved Vehicle	02 - Dark	01 - Dry	12 - Other, Specify
	1999/02/07	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	GARDINER ROAD	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	12 - Other, Specify
531839	1999/02/14	1 - Property Damage	GRAND LAKE ROAD	HIGHWAY 4	3	02 - Kilometers	03 - East	MAYFLOWER MALL	1	50 - Ran Off Road	63 - Surface Slippery	01 - Daylight	02 - Snow	03 - Off Road Right
550198	1999/02/20	2 - Personal Injury	RESERVE MINES	HWY 4	0	03 - AT	98 - Not Stated		1	54 - Skidding/Sliding	42 - Vision Obstructions/Obscure	02 - Dark	07 - Slush	01 - Struck Object
530884	1999/02/26	2 - Personal Injury	RESERVE	GRAND LAKE ROAD	5	02 - Kilometers	02 - South	GARDINER ROAD	1	54 - Skidding/Sliding	63 - Surface Slippery	01 - Daylight	07 - Slush	02 - Off Road Left
550226	1999/03/01	2 - Personal Injury	GARDINER	GRAND LAKE ROAD	100	01 - Meters	04 - West	HWY428	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1999/03/01	2 - Personal Injury	GARDINER	GRAND LAKE ROAD	100	01 - Meters	04 - West	HWY428	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1999/03/01	2 - Personal Injury	GARDINER	GRAND LAKE ROAD	100	01 - Meters	04 - West	HWY428	3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
490577	1999/03/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	98 - Not Stated
	1999/03/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	98 - Not Stated
463416	1999/03/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	12 - Other, Specify

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463416	1999/03/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	12 - Other, Specify
490203	1999/03/13	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAIN STREET	1	01 - Another Vehicle	24 - Driving Too Fast for Road Conditions	02 - Dark	02 - Snow	08 - Head On
490205	1999/03/13	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAIN STREET	2	01 - Another Vehicle	24 - Driving Too Fast for Road Conditions	02 - Dark	02 - Snow	08 - Head On
490205	1999/03/13	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	AIRPORT ROAD	1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	07 - Slush	08 - Head On
490205	1999/03/13	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	AIRPORT ROAD	2	54 - Striding/Sliding	63 - Surface Slippery	02 - Dark	03 - Ice	08 - Head On
490207	1999/03/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
490211	1999/03/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
490211	1999/03/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
490213	1999/03/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
490213	1999/03/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
490213	1999/03/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
531840	1999/03/26	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	97 - Not Applicable	HWY 125	1	01 - Another Vehicle	02 - Driver Distraction	02 - Dark	01 - Dry	04 - Rear End
531840	1999/03/26	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	97 - Not Applicable	HWY 125	2	01 - Another Vehicle	02 - Driver Distraction	02 - Dark	01 - Dry	04 - Rear End
490215	1999/04/01	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MABOU GARDENS	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
490215	1999/04/01	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MABOU GARDENS	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
507898	1999/04/01	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	12 - Other, Specify
507898	1999/04/01	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
507897	1999/04/04	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	50 - Run Off Road	63 - Surface Slippery	02 - Dark	02 - Snow	12 - Other, Specify

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490218	1999/04/15	2 - Personal Injury	RESERVE	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	11 - Passing, Right Turn
	1999/04/15	2 - Personal Injury	RESERVE	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	11 - Passing, Right Turn
530925	1999/04/15	3 - Fatal	SYDNEY	GRAND LAKE ROAD	13	02 - Kilometers	03 - East	HWY#125 CITY LIMITS	1	01 - Another Vehicle	08 - Lost Consciousness	01 - Daylight	01 - Dry	03 - Off Road Right
	1999/04/15	3 - Fatal	SYDNEY	GRAND LAKE ROAD	13	02 - Kilometers	03 - East	HWY#125 CITY LIMITS	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	03 - Off Road Right
	1999/04/15	3 - Fatal	SYDNEY	GRAND LAKE ROAD	13	02 - Kilometers	03 - East	HWY#125 CITY LIMITS	3	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	03 - Off Road Right
	1999/04/15	3 - Fatal	SYDNEY	GRAND LAKE ROAD	13	02 - Kilometers	03 - East	HWY#125 CITY LIMITS	4	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	03 - Off Road Right
550207	1999/04/28	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	12 - Other, Specify
	1999/04/28	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify
507862	1999/04/30	2 - Personal Injury	RESERVE MINES	HWY#4	50	01 - Meters	04 - West	SYDNEY AIRPORT ENT	1	20 - Ditch Bottom Back Scape	43 - Steering	01 - Daylight	01 - Dry	01 - Struck Object
554355	1999/05/07	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	1999/05/07	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	21 - Approach	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
490233	1999/05/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	76 - Uninvolved Vehicle	01 - Daylight	04 - Wet	12 - Other, Specify
	1999/05/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	76 - Uninvolved Vehicle	01 - Daylight	04 - Wet	12 - Other, Specify
507953	1999/05/23	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	25	01 - Meters	03 - East	GARDNER MINES	1	01 - Another Vehicle	25 - Exceeding Speed Limit	02 - Dark	01 - Dry	04 - Rear End
	1999/05/23	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	25	01 - Meters	03 - East	GARDNER MINES	2	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	04 - Rear End
490244	1999/05/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1999/05/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
490252	1999/06/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	34 - Culvert	61 - Animal Action (Other Wild)	04 - Dawn	01 - Dry	12 - Other, Specify

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554357	1999/06/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	04 - Wet	04 - Rear End
	1999/06/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	21 - Approach	02 - Driver Distraction	01 - Daylight	04 - Wet	04 - Rear End
554359	1999/06/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	04 - Wet	09 - Left Turn Head On
	1999/06/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	21 - Approach	02 - Driver Distraction	01 - Daylight	04 - Wet	09 - Left Turn Head On
490254	1999/06/23	2 - Personal Injury	RESERVE MINES	HWY 4	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	1999/06/23	2 - Personal Injury	RESERVE MINES	HWY 4	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
490265	1999/06/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	1999/06/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
550124	1999/06/29	1 - Property Damage	RESERVE MINES	HWY#4	0	03 - AT	98 - Not Stated	MAIN ST	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
	1999/06/29	1 - Property Damage	RESERVE MINES	HWY#4	0	03 - AT	98 - Not Stated	MAIN ST	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	12 - Other, Specify
550139	1999/07/09	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn Head On
	1999/07/09	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	09 - Left Turn Head On
550142	1999/07/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	1	01 - Another Vehicle	98 - Not Stated	03 - Dusk	04 - Wet	04 - Rear End
	1999/07/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	2	01 - Another Vehicle	02 - Driver Distraction	03 - Dusk	04 - Wet	04 - Rear End
490291	1999/08/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
	1999/08/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
	1999/08/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
550125	1999/08/20	2 - Personal Injury	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End

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550125	1999/08/20	2 - Personal Injury	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	40 - Brakes	01 - Daylight	01 - Dry	04 - Rear End
400208	1999/08/25	1 - Property Damage	RESERVE	SYDNEY HWY	0.5	98 - Not Stated	03 - East	AIRPORT ROAD	1	26 - Telephone Power	45 - Tires	02 - Dark	01 - Dry	03 - Off Road Right
480303	1999/08/30	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
	1999/08/30	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
551133	1999/09/07	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	WALTERS LAKE	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
	1999/09/07	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	WALTERS LAKE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
554461	1999/09/13	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	GLACE BAY HWY LIGHTS	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
	1999/09/13	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
554409	1999/09/15	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1999/09/15	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	2	21 - Approach	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
480310	1999/09/16	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	KYTE S HILL DRIVE	1	01 - Another Vehicle	40 - Brakes	03 - Dusk	01 - Dry	04 - Rear End
	1999/09/16	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	KYTE S HILL DRIVE	2	01 - Another Vehicle	98 - Not Stated	03 - Dusk	01 - Dry	04 - Rear End
554387	1999/09/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	RAMP TO HWY#125	1	21 - Approach	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1999/09/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	RAMP TO HWY#125	2	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	01 - Dry	04 - Rear End
	1999/09/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	RAMP TO HWY#125	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
480326	1999/10/05	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	1999/10/05	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	03 - Surface Slippery	01 - Daylight	04 - Wet	04 - Rear End
532134	1999/10/05	2 - Personal Injury	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	EXIT TO ROBINS ROADS	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	12 - Other, Specify

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532134	1999/10/05	2 - Personal Injury	GRAND LAKE	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	ENT TO ROBINS DONUTS	2	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	04 - Wet	12 - Other, Specify
490329	1999/10/10	2 - Personal Injury	RESERVE MINES	HIGHWAY 4	0	03 - AT	98 - Not Stated	THOMPSONVILLE	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
490328	1999/10/10	2 - Personal Injury	RESERVE MINES	HIGHWAY 4	0	03 - AT	98 - Not Stated	THOMPSONVILLE	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
490328	1999/10/14	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	98 - Not Stated	04 - Wet	04 - Rear End
483437	1999/10/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	98 - Not Stated	04 - Wet	04 - Rear End
483437	1999/10/18	2 - Personal Injury	SYDNEY	GLACE BAY/SYDNEY HIGHWAY	3	02 - Kilometers	04 - West	GARDINER MINES MT	1	01 - Another Vehicle	75 - Hydroplaning	02 - Dark	04 - Wet	04 - Rear End
490339	1999/10/18	2 - Personal Injury	SYDNEY	GLACE BAY/SYDNEY HIGHWAY	3	02 - Kilometers	04 - West	GARDINER MINES INT	2	01 - Another Vehicle	75 - Hydroplaning	02 - Dark	04 - Wet	04 - Rear End
490339	1999/10/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MABOU GARDENS	1	01 - Another Vehicle	76 - Uninvolved Vehicle	02 - Dark	01 - Dry	04 - Rear End
554401	1999/10/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MABOU GARDENS	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	04 - Rear End
554429	1999/10/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
554429	1999/11/02	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	21 - Approach	07 - Driver Inexperience/Confusion	01 - Daylight	01 - Dry	04 - Rear End
550135	1999/11/02	1 - Property Damage	GRAND LAKE	GRAND LAKE RD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
490352	1999/11/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify
490351	1999/11/05	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	02 - Driver Distraction	05 - Anticlock light	01 - Dry	12 - Other, Specify
490351	1999/11/05	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	21 - Approach	21 - Failing to Yield Right of Way	05 - Anticlock light	01 - Dry	12 - Other, Specify
550050	1999/11/15	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	COLLEGE C.B	1	04 - Bicyclist	01 - Driver Inattention	03 - Dark	01 - Dry	12 - Other, Specify

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CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
550050	1999/11/15	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	COLLEGE C B	2	01 - Another Vehicle	01 - Driver Inattention	03 - Dark	98 - Not Stated	12 - Other, Specify
460333	1999/11/19	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	50	01 - Meters	02 - South	DUNDEE DRIVE	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	05 - Right Angle
460358	1999/11/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	50	01 - Meters	02 - South	DUNDEE DRIVE	2	01 - Another Vehicle	21 - Failure to Yield Right-of-Way	01 - Daylight	04 - Wet	05 - Right Angle
	1999/11/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	02 - Snow	12 - Other, Specify
	1999/11/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	83 - Surface Slippery	02 - Dark	03 - Ice	12 - Other, Specify
546992	1999/11/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	UCCB LAKEWAY	1	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	05 - Right Angle
	1999/11/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	UCCB LAKEWAY	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	05 - Right Angle
55-715	1999/11/26	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	01 - Driver Inattention	05 - Artificial light	01 - Dry	04 - Rear End
	1999/11/26	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	98 - Not Stated	05 - Artificial light	01 - Dry	04 - Rear End
550033	1999/11/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	04 - Rear End
	1999/11/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
	1999/11/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated		3	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	04 - Rear End
463344	1999/12/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	WALTERS LANE	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	04 - Rear End
	1999/12/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	WALTERS LANE	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
531819	1999/12/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	INDUSTRIAL DRIVE	1	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	05 - Right Angle
	1999/12/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	INDUSTRIAL DRIVE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	05 - Right Angle
490382	1999/12/08	1 - Property Damage	GARDINER MIRES	GRAND LAKE ROAD	0.1	02 - Kilometers	01 - North	UCCB LIGHTS	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
	1999/12/08	1 - Property Damage	GARDINER MIRES	GRAND LAKE ROAD	0.1	02 - Kilometers	01 - North	UCCB LIGHTS	2	54 - Sliding/Sliding	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify

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550048	1999/12/09	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	03 - East	SYDNEY CITY LIMITS	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	1999/12/09	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	03 - East	SYDNEY CITY LIMITS	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
554478	1999/12/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	TOYOTA DEALERSHIP	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
	1999/12/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	TOYOTA DEALERSHIP	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
550010	1999/12/17	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	04 - Rear End
	1999/12/17	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	21 - Approach	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
554725	1999/12/20	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	12 - Other, Specify
	1999/12/20	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY#125	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	02 - Dark	98 - Not Stated	12 - Other, Specify
460388	1999/12/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
	1999/12/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify
460391	1999/12/27	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	500	01 - Meters	98 - Not Stated	OLD AIRPORT ROAD	1	01 - Another Vehicle	24 - Driving Too Fast for Road Conditions	02 - Dark	03 - Ice	09 - Left Turn Head On
	1999/12/27	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	500	01 - Meters	98 - Not Stated	OLD AIRPORT ROAD	2	01 - Another Vehicle	97 - Not Applicable	02 - Dark	03 - Ice	09 - Left Turn Head On
	1999/12/27	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	500	01 - Meters	98 - Not Stated	OLD AIRPORT ROAD	3	01 - Another Vehicle	97 - Not Applicable	02 - Dark	03 - Ice	09 - Left Turn Head On
506620	2000/01/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	95 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	04 - Wet	05 - Right Angle
	2000/01/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	08 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	21 - Failure to Yield Right of Way	02 - Dark	04 - Wet	05 - Right Angle
507979	2000/01/14	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	54 - Striking Sliding	63 - Surface Slippery	01 - Daylight	02 - Snow	02 - Off Road Left
554484	2000/01/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	INCINERATOR	1	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	02 - Snow	06 - Sideswipe, Same Direction
	2000/01/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	INCINERATOR	2	21 - Approach	07 - Driver Inattention/Confusion	02 - Dark	02 - Snow	06 - Sideswipe, Same Direction

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506831	2000/01/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	2000/01/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
506836	2000/02/01	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	SOUND EFFECTS	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	2000/02/01	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	SOUND EFFECTS	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
506839	2000/02/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	KYTES HILL DRIVE	1	01 - Another Vehicle	63 - Surface Slippery	02 - Dark	03 - Ice	12 - Other, Specify
	2000/02/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	KYTES HILL DRIVE	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	98 - Not Stated	12 - Other, Specify
555255	2000/02/08	1 - Property Damage	RESERVE MRIES	HWY#4	0.1	02 - Kilometers	04 - West	AIRPORT TURN OFF	1	01 - Another Vehicle	41 - Lights	02 - Dark	01 - Dry	12 - Other, Specify
	2000/02/08	1 - Property Damage	RESERVE MRIES	HWY#4	0.1	02 - Kilometers	04 - West	AIRPORT TURN OFF	2	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	12 - Other, Specify
507984	2000/02/16	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	FRONT OF MALL	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	02 - Snow	04 - Rear End
	2000/02/16	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	FRONT OF MALL	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
563958	2000/02/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	30	01 - Meters	03 - East	UCCB COLLEGE	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/02/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	30	01 - Meters	03 - East	UCCB COLLEGE	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
507549	2000/03/20	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	4	01 - Meters	03 - East	HIGHWAY#125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2000/03/20	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	4	01 - Meters	03 - East	HIGHWAY#125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
554684	2000/03/24	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	1	21 - Approach	01 - Driver Inattention	02 - Dark	01 - Dry	05 - Right Angle
	2000/03/24	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	05 - Right Angle
563993	2000/04/05	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	86 - Not Stated	01 - Daylight	01 - Dry	09 - Left Turn Head On
	2000/04/05	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	21 - Failure to Yield Right of Way	01 - Daylight	01 - Dry	09 - Left Turn Head On

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554486	2000/04/20	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	BRETON TOYOTA	1	21 - Approach	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
	2000/04/20	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	BRETON TOYOTA	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
	2000/04/20	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	BRETON TOYOTA	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
556170	2000/05/01	1 - Property Damage	SYDNEY	SYDNEY-GLACE BAY HWY	0	02 - Kilometers	03 - East	#125 HIGHWAY	1	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	01 - Dry	04 - Rear End
	2000/05/01	1 - Property Damage	SYDNEY	SYDNEY-GLACE BAY HWY	0	02 - Kilometers	03 - East	#125 HIGHWAY	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
556171	2000/05/02	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
	2000/05/02	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
556196	2000/05/06	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	SUNNYSIDE	1	32 - Curbing	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2000/05/06	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	SUNNYSIDE	2	01 - Another Vehicle	23 - Following Too Closely	01 - Daylight	01 - Dry	04 - Rear End
556698	2000/05/11	2 - Personal Injury	RESERVE MINES	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
	2000/05/11	2 - Personal Injury	RESERVE MINES	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
563661	2000/05/19	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	2000/05/19	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
563684	2000/05/20	2 - Personal Injury	RESERVE MINES	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	32 - Curbing	76 - Uninvolved Vehicle	01 - Daylight	01 - Dry	12 - Other Specify
566790	2000/05/21	2 - Personal Injury	SYDNEY	HIGHWAY 4	0.5	02 - Kilometers	04 - West	YOLONDA DRIVE	1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	04 - Rear End
	2000/05/21	2 - Personal Injury	SYDNEY	HIGHWAY 4	0.5	02 - Kilometers	04 - West	YOLONDA DRIVE	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
566816	2000/05/06	1 - Property Damage	SYDNEY	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated		1	02 - Animal	60 - Animal Action (Deer)	05 - Anticlock light	01 - Dry	01 - Struck Object
480573	2000/08/08	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	06 - Sideswipe Same Direction

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480573	2000/06/08	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	98 - Not Stated	98 - Not Stated	GLACE BAY	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	06 - Sideways, Same Direction
581984	2000/06/20	2 - Personal Injury	SYDNEY	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated	GLACE BAY	1	01 - Another Vehicle	97 - Not Applicable	05 - Artificial light	01 - Dry	04 - Rear End
582083	2000/06/20	2 - Personal Injury	SYDNEY	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated	GLACE BAY	2	01 - Another Vehicle	07 - Driver Inexperienced/Confused	05 - Artificial light	01 - Dry	04 - Rear End
582083	2000/06/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
582083	2000/06/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
582085	2000/06/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
581558	2000/07/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
581558	2000/07/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
581881	2000/07/12	1 - Property Damage	SYDNEY	HWY 4	0	03 - AT	98 - Not Stated	UCCB ENTRANCE RD	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	98 - Not Stated
581570	2000/07/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	FORREST HAVEN GARDEN	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	98 - Not Stated
581570	2000/07/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	FORREST HAVEN GARDEN	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
581570	2000/07/20	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
581578	2000/07/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
581578	2000/07/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
581587	2000/07/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
581587	2000/07/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	68 - Glare	01 - Daylight	01 - Dry	04 - Rear End
581587	2000/07/31	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	23 - Sign Post	97 - Not Applicable	01 - Daylight	01 - Dry	01 - Struck Object

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581638	2000/07/31	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	KYTES HILL	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2000/07/31	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	KYTES HILL	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
581621	2000/08/05	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	100	01 - Meters	03 - East	U C C B	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	01 - Struck Object
	2000/08/05	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	100	01 - Meters	03 - East	U C C B	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	01 - Struck Object
	2000/08/05	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	100	01 - Meters	03 - East	U C C B	3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	01 - Struck Object
581642	2000/08/05	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	3	01 - Meters	02 - South	TANGLE WOOD	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/08/05	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	3	01 - Meters	02 - South	TANGLE WOOD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
581658	2000/08/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	02 - South	HWY 125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2000/08/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	02 - South	HWY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
581599	2000/08/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/08/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
581650	2000/08/19	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	02 - Driver Distraction	05 - Artificial light	04 - Wet	98 - Not Stated
	2000/08/19	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	05 - Artificial light	04 - Wet	98 - Not Stated
581678	2000/08/23	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/08/23	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
581832	2000/09/08	2 - Personal Injury	SYDNEY	GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/09/08	2 - Personal Injury	SYDNEY	GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
582050	2000/09/08	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	04 - West	DUNDEE STREET	1	03 - Pedestrian	98 - Not Stated	05 - Artificial light	01 - Dry	01 - Struck Object

CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
581702	2000/09/08	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	3	02 - Kilometers	01 - North	GARDNER ROAD	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2000/09/08	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	3	02 - Kilometers	01 - North	GARDNER ROAD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
588848	2000/09/13	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/09/13	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
588553	2000/09/13	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/09/13	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	97 - Not Applicable	12 - Other, Specify
588551	2000/09/15	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	01 - Dry	05 - Right Angle
	2000/09/15	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
581842	2000/09/21	1 - Property Damage	RESERVE MINES	SYDNEY ROAD	0	03 - AT	98 - Not Stated	MAIN STREET	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
	2000/09/21	1 - Property Damage	RESERVE MINES	SYDNEY ROAD	0	03 - AT	98 - Not Stated	MAIN STREET	2	01 - Another Vehicle	40 - Brakes	01 - Daylight	01 - Dry	05 - Right Angle
588077	2000/09/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
	2000/09/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
585281	2000/09/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	2000/09/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
588086	2000/10/10	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	FUZON COMPUTERS	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/10/10	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	FUZON COMPUTERS	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
588263	2000/10/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/10/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	2	01 - Another Vehicle	08 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify

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CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
546353	2000/10/12	1 - Property Damage	SYDNEY	GARDNER LAKE ROAD	0	03 - AT	98 - Not Stated	HWY 125	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
546359	2000/10/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
	2000/10/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
546363	2000/10/16	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/10/16	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	68 - Glass	01 - Daylight	98 - Not Stated	12 - Other, Specify
546364	2000/10/19	2 - Personal Injury	SYDNEY	HIGHWAY #4	0	98 - Not Stated	98 - Not Stated	GARDNER ROAD	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	09 - Left Turn, Head On
	2000/10/19	2 - Personal Injury	SYDNEY	HIGHWAY #4	0	98 - Not Stated	98 - Not Stated	GARDNER ROAD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	09 - Left Turn, Head On
546365	2000/10/19	3 - Fatal	SYDNEY	GRAND LAKE ROAD HWY 4	0.5	02 - Kilometers	03 - East	GARDNER ROAD	1	01 - Another Vehicle	24 - Driving Too Fast for Road Conditions	01 - Daylight	04 - Wet	12 - Other, Specify
	2000/10/19	3 - Fatal	SYDNEY	GRAND LAKE ROAD HWY 4	0.5	02 - Kilometers	03 - East	GARDNER ROAD	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
	2000/10/19	3 - Fatal	SYDNEY	GRAND LAKE ROAD HWY 4	0.5	02 - Kilometers	03 - East	GARDNER ROAD	3	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
546368	2000/10/19	2 - Personal Injury	RESERVE MINES	MAIN STREET	0	98 - Not Stated	98 - Not Stated	RESERVE	1	01 - Another Vehicle	97 - Not Applicable	03 - Dusk	04 - Wet	05 - Right Angle
	2000/10/19	2 - Personal Injury	RESERVE MINES	MAIN STREET	0	98 - Not Stated	98 - Not Stated	RESERVE	2	01 - Another Vehicle	02 - Driver Distraction	03 - Dusk	04 - Wet	05 - Right Angle
546373	2000/10/21	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/10/21	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
546379	2000/10/23	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	24 - Traffic Signal Standard	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2000/10/23	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
546389	2000/11/01	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	03 - East	HIGHWAY 125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	09 - Left Turn, Head On
	2000/11/01	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	03 - East	HIGHWAY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	09 - Left Turn, Head On

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589117	2009/11/02	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	05 - Artificial light	04 - Wet	12 - Other, Specify
	2009/11/02	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	07 - Driver Inexperience/Confusion	05 - Artificial light	04 - Wet	12 - Other, Specify
	2009/11/02	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	02 - Driver Distraction	05 - Artificial light	04 - Wet	12 - Other, Specify
589127	2009/11/02	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
	2009/11/02	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
589129	2009/11/02	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
	2009/11/02	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	12 - Other, Specify
589164	2009/11/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	12 - Other, Specify
	2009/11/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
	2009/11/06	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
589138	2009/11/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	INCINERATOR ROAD	1	98 - Not Stated	97 - Not Applicable	01 - Daylight	04 - Wet	12 - Other, Specify
589142	2009/11/08	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	05 - Artificial light	04 - Wet	12 - Other, Specify
	2009/11/09	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	05 - Artificial light	04 - Wet	12 - Other, Specify
589169	2009/11/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	41 - Lights	02 - Dark	04 - Wet	04 - Rear End
	2009/11/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	04 - Wet	04 - Rear End
589229	2009/11/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2009/11/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
589180	2009/11/20	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify

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559190	2000/11/30	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/11/30	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
559218	2000/12/02	1 - Property Damage	GLACE BAY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	GARDINER RD	1	32 - Curbing	63 - Surface Slippery	02 - Dark	02 - Snow	12 - Other, Specify
562568	2000/12/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
	2000/12/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	04 - Rear End
569199	2000/12/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	54 - Skidding/Sliding	63 - Surface Slippery	01 - Daylight	03 - Ice	04 - Rear End
	2000/12/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
569239	2000/12/07	1 - Property Damage	RESERVE	SYDNEY ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/12/07	1 - Property Damage	RESERVE	SYDNEY ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
569400	2000/12/09	1 - Property Damage	RESERVE	SYDNEY ROAD	0.5	02 - Kilometers	98 - Not Stated	MAIN STREET	1	01 - Another Vehicle	63 - Surface Slippery	02 - Dark	03 - Ice	04 - Rear End
	2000/12/09	1 - Property Damage	RESERVE	SYDNEY ROAD	0.5	02 - Kilometers	98 - Not Stated	MAIN STREET	2	01 - Another Vehicle	63 - Surface Slippery	02 - Dark	03 - Ice	04 - Rear End
562588	2000/12/12	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	1	02 - Kilometers	01 - North		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	04 - Wet	04 - Rear End
	2000/12/12	1 - Property Damage	RESERVE MINES	GRAND LAKE ROAD	1	02 - Kilometers	01 - North		2	01 - Another Vehicle	23 - Following Too Closely	02 - Dark	04 - Wet	04 - Rear End
562589	2000/12/14	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	GARDINER ROAD	1	34 - Culvert	97 - Not Applicable	01 - Daylight	03 - Ice	01 - Struck Object
569252	2000/12/14	1 - Property Damage	RESERVE MINES	SYDNEY GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	63 - Surface Slippery	05 - Artificial light	02 - Snow	12 - Other, Specify
	2000/12/14	1 - Property Damage	RESERVE MINES	SYDNEY GLACE BAY HIGHWAY	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	63 - Surface Slippery	05 - Artificial light	02 - Snow	12 - Other, Specify
594810	2000/12/14	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	05 - Artificial light	02 - Snow	04 - Rear End
	2000/12/14	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	40 - Brakes	05 - Artificial light	02 - Snow	04 - Rear End

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594812	2000/12/15	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	12 - Other, Specify
	2000/12/15	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	04 - Wet	12 - Other, Specify
594817	2000/12/16	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	63 - Surface Slippery	05 - Artificial light	04 - Wet	12 - Other, Specify
	2000/12/16	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	05 - Artificial light	04 - Wet	12 - Other, Specify
582597	2000/12/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	10	01 - Meters	03 - East	HIGHWAY 125	1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	04 - Wet	04 - Rear End
	2000/12/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	10	01 - Meters	03 - East	HIGHWAY 125	2	01 - Another Vehicle	97 - Not Applicable	02 - Dark	04 - Wet	04 - Rear End
	2000/12/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	10	01 - Meters	03 - East	HIGHWAY 125	3	01 - Another Vehicle	97 - Not Applicable	02 - Dark	04 - Wet	04 - Rear End
594815	2000/12/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	97 - Not Applicable	12 - Other, Specify
	2000/12/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2000/12/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
582600	2000/12/20	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	1	02 - Kilometers	02 - South	TANGLEWOOD	1	34 - Culvert	63 - Surface Slippery	97 - Not Applicable	97 - Not Applicable	12 - Other, Specify
	2000/12/22	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	02 - Driver Distraction	01 - Daylight	01 - Dry	04 - Rear End
	2000/12/22	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
582651	2000/12/22	2 - Personal Injury	SYDNEY	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	63 - Surface Slippery	05 - Artificial light	03 - Ice	12 - Other, Specify
	2000/12/22	2 - Personal Injury	SYDNEY	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	63 - Surface Slippery	05 - Artificial light	03 - Ice	12 - Other, Specify
	2000/12/22	2 - Personal Injury	SYDNEY	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	63 - Surface Slippery	05 - Artificial light	03 - Ice	12 - Other, Specify
582636	2000/12/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	2	01 - Meters	02 - South	HIGHWAY 125	1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	02 - Snow	09 - Left Turn, Head On
	2000/12/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	2	01 - Meters	02 - South	HIGHWAY 125	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	02 - Snow	09 - Left Turn, Head On

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562629	2000/12/30	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	SOUND A FEX	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
	2000/12/30	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	SOUND A FEX	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	05 - Right Angle
562627	2000/12/31	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	2	98 - Not Stated	03 - East	GARDENER ROAD	1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	07 - Slush	12 - Other, Specify
	2000/12/31	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	2	98 - Not Stated	03 - East	GARDENER ROAD	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	07 - Slush	12 - Other, Specify
569238	2000/12/31	1 - Property Damage	RESERVE MINES	SYDNEY/CLACE BAY HWY	0	98 - Not Stated	98 - Not Stated		1	50 - Ran Off Road	70 - Defective Driving Surface	01 - Daylight	07 - Slush	12 - Other, Specify
594688	2001/01/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	21 - Failure to Yield Right-of-Way	01 - Daylight	01 - Dry	12 - Other, Specify
	2001/01/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify
562614	2001/01/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	REEVES STREET	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/01/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	REEVES STREET	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/01/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	REEVES STREET	3	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
478233	2001/01/07	1 - Property Damage	GRAND LAKE	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	98 - Not Stated	65 - Snow Drift	02 - Dark	03 - Ice	03 - Off Road Right
594689	2001/01/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	39 - Median-Barricade	69 - Construction Zone	05 - Artificial light	02 - Snow	12 - Other, Specify
562466	2001/01/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	03 - Dusk	01 - Dry	04 - Rear End
	2001/01/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	03 - Dusk	01 - Dry	04 - Rear End
582452	2001/01/23	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL LOT	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	05 - Right Angle
	2001/01/23	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	MAYFLOWER MALL LOT	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	04 - Wet	05 - Right Angle
594703	2001/01/23	1 - Property Damage	SYDNEY	KINGS ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
	2001/01/23	1 - Property Damage	SYDNEY	KINGS ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	12 - Other, Specify

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CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
562485	2001/01/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	05 - Right Angle
	2001/01/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	05 - Right Angle
562467	2001/01/29	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	1	01 - Another Vehicle	01 - Driver Inattention	03 - Dusk	07 - Slush	04 - Rear End
	2001/01/29	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated	MAYFLOWER MALL	2	01 - Another Vehicle	01 - Driver Inattention	03 - Dusk	07 - Slush	04 - Rear End
562526	2001/02/14	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0.6	01 - Meters	02 - South	DAIRY QUEEN	1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	04 - Wet	01 - Struck Object
	2001/02/14	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0.6	01 - Meters	02 - South	DAIRY QUEEN	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	04 - Wet	01 - Struck Object
594416	2001/02/24	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	02 - Snow	12 - Other, Specify
	2001/02/24	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	63 - Surface Slippery	01 - Daylight	02 - Snow	12 - Other, Specify
562434	2001/03/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	50	98 - Not Stated	04 - West	BENNETT STREET	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	12 - Other, Specify
	2001/03/03	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	50	98 - Not Stated	04 - West	BENNETT STREET	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	12 - Other, Specify
562400	2001/03/09	1 - Property Damage	SYDNEY	HIGHWAY 4	0	03 - AT	98 - Not Stated	WILSON'S ROAD	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2001/03/09	1 - Property Damage	SYDNEY	HIGHWAY 4	0	03 - AT	98 - Not Stated	WILSON'S ROAD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
562531	2001/03/09	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	01 - Meters	01 - North	GARDINER ROAD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	04 - Rear End
	2001/03/09	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	01 - Meters	01 - North	GARDINER ROAD	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
560039	2001/03/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	05 - Artificial light	01 - Dry	05 - Right Angle
	2001/03/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	63 - Surface Slippery	05 - Artificial light	03 - Ice	05 - Right Angle
594506	2001/03/19	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0.1	02 - Kilometers	04 - West	REEVES STREET	1	01 - Another Vehicle	63 - Surface Slippery	03 - Dusk	03 - Ice	01 - Struck Object
	2001/03/19	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0.1	02 - Kilometers	04 - West	REEVES STREET	2	01 - Another Vehicle	98 - Not Stated	03 - Dusk	98 - Not Stated	01 - Struck Object

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594599	2001/03/25	1 - Property Damage	SYDNEY	GRAND LAKE	0	98 - Not Stated	98 - Not Stated		1	32 - Curbing	63 - Surface Slippery	05 - Artificial Light	03 - Ice	12 - Other, Specify
594488	2001/04/10	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	1	01 - Meters	02 - South	DRIVEWAY UCCB	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
	2001/04/10	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	1	01 - Meters	02 - South	DRIVEWAY UCCB	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
594561	2001/04/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/04/12	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
594502	2001/04/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	10 - Passing, Left Turn
	2001/04/21	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	10 - Passing, Left Turn
811734	2001/05/02	2 - Personal Injury	RESERVE	RESERVE HIGHWAY	5	01 - Meters	98 - Not Stated	MAIN STREET	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	10 - Passing, Left Turn
	2001/05/02	2 - Personal Injury	RESERVE	RESERVE HIGHWAY	5	01 - Meters	98 - Not Stated	MAIN STREET	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	10 - Passing, Left Turn
610745	2001/05/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0.5	02 - Kilometers	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	10 - Passing, Left Turn
	2001/05/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0.5	02 - Kilometers	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	10 - Passing, Left Turn
610770	2001/05/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	KYTES HILL DRIVE	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	05 - Right Angle
	2001/05/22	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	KYTES HILL DRIVE	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
610735	2001/06/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/06/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
594551	2001/06/07	1 - Property Damage	SYDNEY	HIGHWAY 4	300	01 - Meters	04 - West	AIRPORT ROAD	1	02 - Animal	80 - Animal Action (Deer)	02 - Dark	01 - Dry	01 - Struck Object
810795	2001/06/14	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/06/14	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End

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610795	2001/06/14	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
811723	2001/06/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	40 - Brakes	01 - Daylight	04 - Wet	04 - Rear End
811810	2001/06/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
	2001/06/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	07 - Sideswipe, Opposite Direction
	2001/06/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	07 - Sideswipe, Opposite Direction
594759	2001/07/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	98 - Not Stated	98 - Not Stated	04 - Rear End
	2001/07/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	98 - Not Stated	01 - Dry	04 - Rear End
	2001/07/06	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	97 - Not Applicable	98 - Not Stated	01 - Dry	04 - Rear End
611743	2001/07/18	2 - Personal Injury	RESERVE MINES	SYDNEY-GLACE BAY HWY	0	97 - Not Applicable	98 - Not Stated		1	31 - Building/Wall	08 - Lost Consciousness	01 - Daylight	01 - Dry	01 - Struck Object
611685	2001/08/02	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
	2001/08/02	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
611689	2001/08/04	2 - Personal Injury	GLACE BAY	HIGHWAY 4	1	02 - Kilometers	03 - East	GARDINER ROAD	1	32 - Curbing	06 - Fell Asleep	01 - Daylight	01 - Dry	12 - Other, Specify
611774	2001/08/09	1 - Property Damage	RESERVE MINES	HIGHWAY 4	0	03 - AT	98 - Not Stated	OLD AIRPORT ROAD	1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
	2001/08/09	1 - Property Damage	RESERVE MINES	HIGHWAY 4	0	03 - AT	98 - Not Stated	OLD AIRPORT ROAD	2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	01 - Dry	12 - Other, Specify
611617	2001/08/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	21 - Approach	01 - Driver Inattention	01 - Daylight	01 - Dry	09 - Left Turn, Head On
	2001/08/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	21 - Approach	25 - Exceeding Speed Limit	01 - Daylight	01 - Dry	09 - Left Turn, Head On
611781	2001/08/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/08/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End

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611420	2001/08/16	2 - Personal Injury	SYDNEY	GRAND LAKE RD	20	01 - Meters	04 - West	KYTES HILL	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	07 - Sideways Opposite Direction
	2001/08/16	2 - Personal Injury	SYDNEY	GRAND LAKE RD	20	01 - Meters	04 - West	KYTES HILL	2	01 - Another Vehicle	43 - Steering	01 - Daylight	01 - Dry	07 - Sideways Opposite Direction
611429	2001/08/22	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	01 - North	HWY#125	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	2001/08/22	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	01 - North	HWY#125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	2001/08/22	2 - Personal Injury	SYDNEY	GRAND LAKE RD	0	03 - AT	01 - North	HWY#125	3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
611434	2001/08/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	04 - West		1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	04 - Rear End
	2001/08/25	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	04 - West		2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
611458	2001/08/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	12 - Other, Specify
	2001/08/29	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	12 - Other, Specify
611625	2001/08/31	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	10 - Passing Left Turn
	2001/08/31	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	21 - Failure to Yield Right-of-Way	01 - Daylight	01 - Dry	10 - Passing Left Turn
611519	2001/09/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/09/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/09/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
	2001/09/04	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		4	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
611241	2001/09/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	78 - Uninvolved Vehicle	98 - Not Stated	98 - Not Stated	12 - Other, Specify
	2001/09/11	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	78 - Uninvolved Vehicle	98 - Not Stated	98 - Not Stated	12 - Other, Specify
611466	2001/09/11	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	100	01 - Meters	04 - West	INDUSTRIAL DRIVE	1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	04 - Rear End

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611466	2001/09/11	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	100	01 - Meters	04 - West	INDUSTRIAL DRIVE	2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
611474	2001/09/20	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/09/20	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY 125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
611413	2001/09/27	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	98 - Not Stated	98 - Not Stated	98 - Not Stated	98 - Not Stated	12 - Other, Specify
611663	2001/09/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	200	01 - Meters	98 - Not Stated	REEVES STREET	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	10 - Passing Left Turn
	2001/09/27	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	200	01 - Meters	98 - Not Stated	REEVES STREET	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	10 - Passing Left Turn
611254	2001/10/07	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	12 - Other, Specify
	2001/10/07	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	02 - Dark	98 - Not Stated	12 - Other, Specify
611571	2001/10/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	2001/10/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/10/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
611578	2001/10/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB ENTRANCE	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	05 - Right Angle
	2001/10/12	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB ENTRANCE	2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	05 - Right Angle
611291	2001/10/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/10/18	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
594760	2001/10/23	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY#125	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	09 - Left Turn Head On
	2001/10/23	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	HIGHWAY#125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	09 - Left Turn Head On
594379	2001/10/24	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	78 - Uninvolved Vehicle	02 - Dark	04 - Wet	04 - Rear End

CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
584379	2001/10/24	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	02 - Dark	04 - Wet	04 - Rear End
611266	2001/10/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	12 - Other, Specify
	2001/10/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	12 - Other, Specify
611275	2001/10/29	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB ENTRANCE	1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/10/29	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	98 - Not Stated	UCCB ENTRANCE	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
610799	2001/11/09	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
	2001/11/09	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
622207	2001/11/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	01 - North	HIGHWAY#125	1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
	2001/11/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	01 - North	HIGHWAY#125	2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	97 - Not Applicable	04 - Rear End
	2001/11/10	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	03 - AT	01 - North	HIGHWAY#125	3	21 - Approach	01 - Driver Inattention	01 - Daylight	01 - Dry	04 - Rear End
622213	2001/11/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	05 - Right Angle
	2001/11/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	07 - Driver Inexperience/Confusion	02 - Dark	01 - Dry	05 - Right Angle
622231	2001/11/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	01 - Dry	08 - Head On
	2001/11/26	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	08 - Head On
622247	2001/11/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	01 - Daylight	04 - Wet	04 - Rear End
	2001/11/28	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
624019	2001/12/03	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/12/03	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End

Monday, February 17, 2003

NOTE EACH ACCIDENT INCIDENT IS SORTED BY DATE IE IF A DATE IS NOT SHOWN IT PERTAINS TO THE SAME ACCIDENT WITH A DATE LINKED DIRECTLY ABOVE

CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
622240	2001/12/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	02 - Dark	01 - Dry	04 - Rear End
	2001/12/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
622261	2001/12/07	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	600	01 - Meters	03 - East	HWY 125	1	02 - Animal	60 - Animal Action (Deer)	02 - Dark	04 - Wet	12 - Other, Specify
622235	2001/12/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	07 - Not Applicable	03 - Dusk	07 - Slush	04 - Rear End
	2001/12/13	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	03 - Dusk	98 - Not Stated	04 - Rear End
622317	2001/12/17	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	07 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/12/17	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	87 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
624025	2001/12/17	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	07 - Not Applicable	01 - Daylight	01 - Dry	04 - Rear End
	2001/12/17	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	01 - Daylight	98 - Not Stated	04 - Rear End
622319	2001/12/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	04 - Wet	04 - Rear End
	2001/12/18	1 - Property Damage	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	01 - Daylight	97 - Not Applicable	04 - Rear End
622323	2001/12/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	07 - Not Applicable	02 - Dark	01 - Dry	04 - Rear End
	2001/12/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	04 - Rear End
	2001/12/19	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	98 - Not Stated	02 - Dark	98 - Not Stated	04 - Rear End
622503	2001/12/19	2 - Personal Injury	RESERVE MINES	SYDNEY GLACE BAY HWY	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	98 - Not Stated	03 - Dusk	01 - Dry	12 - Other, Specify
	2001/12/19	2 - Personal Injury	RESERVE MINES	SYDNEY GLACE BAY HWY	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	98 - Not Stated	03 - Dusk	03 - Ice	12 - Other, Specify
	2001/12/19	2 - Personal Injury	RESERVE MINES	SYDNEY GLACE BAY HWY	0	98 - Not Stated	98 - Not Stated		3	01 - Another Vehicle	98 - Not Stated	03 - Dusk	03 - Ice	12 - Other, Specify
622265	2001/12/20	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		1	01 - Another Vehicle	97 - Not Applicable	02 - Dark	01 - Dry	04 - Rear End

NOTE: EACH ACCIDENT INCIDENT IS SORTED BY DATE. IE, IF A DATE IS NOT SHOWN, IT PERTAINS TO THE SAME ACCIDENT WITH A DATE LINKED DIRECTLY ABOVE.

Monday, February 17, 2003

CASE #	DATE	SEVERITY	COMMUNITY	ROAD NAME	DISTANCE	MEASUREMENT	DIRECTION	LOCATION	VEH #	SEQUENCE 1	FACTOR 1	LIGHT CONDITION	ROAD SURFACE CONDITION	ACCIDENT CONFIGURATION
622265	2001/12/20	2 - Personal Injury	SYDNEY	GRAND LAKE ROAD	0	98 - Not Stated	98 - Not Stated		2	01 - Another Vehicle	01 - Driver Inattention	02 - Dark	01 - Dry	04 - Rear End
611565	2001/12/31	2 - Personal Injury	GARDNER MINES	HIGHWAY 4	0	98 - Not Stated	98 - Not Stated		1	20 - Ditch Bottom/Back Slope	63 - Surface Slippery	01 - Daylight	03 - Ice	12 - Other, Specify

Appendix "E"

Speed Data

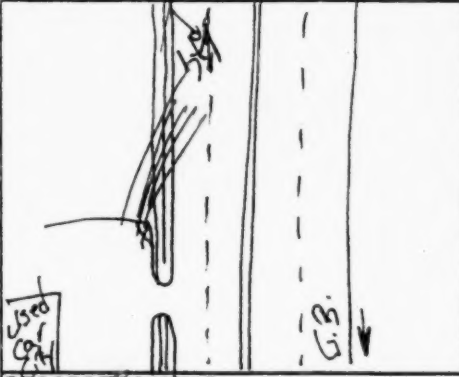
Table 4 - Speed Data

Location	Direction	85th Percentile (km/h)	16 km/h Pace (km/h)	Average Speed (km/h)
1) at Used Car City	eastbound	88.3	74 - 90	82.1
2) at Yolanda Drive	eastbound	89.0	74 - 90	83.1
3) at Victoria Jct. SS	eastbound	91.1	74 - 90	84.8
4) at Island Speedway	eastbound	89.9	76 - 92	84.4
5) at Seaside Cable	eastbound	87.3	72 - 88	78.7
6) Opposite Elks Fab.	eastbound	90.8	76 - 92	85.7
7) at Union Hall	eastbound	89.6	76 - 92	83.9
8) at RCMP Detach.	westbound	87.3	72 - 88	82.4
9) at Elks Fabrication	westbound	89.4	74 - 90	83.8
10) at CBPM Sewage	westbound	89.1	74 - 90	84.0
11) at Direct Tire	westbound	88.2	74 - 90	82.8
12) at Victoria Jct. SS	westbound	91.9	76 - 92	85.4
13) Opposite Yolanda	westbound	90.1	76 - 92	84.1
14) at Junction Road	westbound	88.8	74 - 90	82.7



RADAR FIELD DATA SHEET

COUNTY Cape Breton
ROAD Trunk 4, at US60
CAR CITY
TIME: fr 2:00 to 2:25
WEATHER cloudy
ROAD CONDITION:
ROUGH _____ SMOOTH ☒
OTHER _____ SPECIFY _____
WIDTH OF ROADWAY _____
WIDTH OF SHOULDERS _____
TRAFFIC VOLUME 201
POSTED SPEED 80 km/h
85th PERCENTILE 88.3 km/h
16 km/h PACE 74-90 km/h
AVERAGE SPEED 82.1 km/h
SKETCH EXACT LOCATION



RECORDERS NAME R. Sweet
DATE Nov 1/02
REMARKS: _____

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS

EAST BOUND

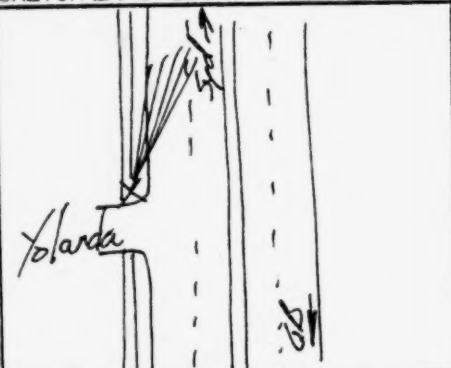
	BOUND	
10	10	
2	2	
4	4	
6	6	
8	8	
20	20	
2	2	
4	4	
6	6	
8	8	
30	30	
2	2	
4	4	
6	6	
8	8	
40	40	
2	2	
4	4	
6	6	
8	8	
50	50	
2	2	
4	4	
6	6	
8	8	
60	60	
2	2	
4	4	1
6	6	2
8	8	3
70	70	6
2	2	8
4	4	13
6	6	14
8	8	22
80	80	20
2	2	26
4	4	21
6	6	21
8	8	15
90	90	14
2	2	8
4	4	8
6	6	1
8	8	
100	100	
2	2	1
4	4	
6	6	
8	8	
110	110	
2	2	
4	4	
6	6	
8	8	
120	120	
2	2	
4	4	
6	6	
8	8	
130	130	

201



RADAR FIELD DATA SHEET

COUNTY Cape Breton
 ROAD Trunk 4, at
Volanda Dr.
 TIME: fr 1:25 to 1:55
 WEATHER cloudy
 ROAD CONDITION:
 ROUGH _____ SMOOTH ☒
 OTHER _____ SPECIFY _____
 WIDTH OF ROADWAY _____
 WIDTH OF SHOULDERS _____
 TRAFFIC VOLUME 210
 POSTED SPEED 80 Km/h
 85th PERCENTILE 89.0 Km/h
 16 km/h PACE 74-90 Km/h
 AVERAGE SPEED 83.1 Km/h
 SKETCH EXACT LOCATION



RECORDERS NAME: R. Sweet
 DATE: Nov 1/02
 REMARKS: _____

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS

EAST BOUND

BOUND

101									10
21									2
41									4
61									6
81									8
201									20
21									2
41									4
61									6
81									8
301									30
21									2
41									4
61									6
81									8
401									40
21									2
41									4
61									6
81									8
501									50
21									2
41									4
61									6
81									8
601									60
21									2
41									4
61									6
81									8
701	///								70
21	///								2
41	///	///							4
61	///	///							6
81	///	///							8
801	///	///	///	///	///	///	///	///	80
21	///	///	///	///	///	///	///	///	2
41	///	///	///	///	///	///	///	///	4
61	///	///	///	///	///	///	///	///	6
81	///	///	///	///	///	///	///	///	8
901	///	///	///	///	///	///	///	///	90
21	///	///	///	///	///	///	///	///	2
41	///	///	///	///	///	///	///	///	4
61	///	///	///	///	///	///	///	///	6
81	///	///	///	///	///	///	///	///	8
1001	///	///	///	///	///	///	///	///	100
21	///	///	///	///	///	///	///	///	2
41	///	///	///	///	///	///	///	///	4
61	///	///	///	///	///	///	///	///	6
81	///	///	///	///	///	///	///	///	8
1101	///	///	///	///	///	///	///	///	110
21	///	///	///	///	///	///	///	///	2
41	///	///	///	///	///	///	///	///	4
61	///	///	///	///	///	///	///	///	6
81	///	///	///	///	///	///	///	///	8
1201	///	///	///	///	///	///	///	///	120
21	///	///	///	///	///	///	///	///	2
41	///	///	///	///	///	///	///	///	4
61	///	///	///	///	///	///	///	///	6
81	///	///	///	///	///	///	///	///	8
1301	///	///	///	///	///	///	///	///	130



RADAR FIELD DATA SHEET

COUNTY Cape Breton
ROAD Trunk 4, at Vic
Jet Substation
TIME: fr 11:50 to 12:20
WEATHER cloudy
ROAD CONDITION:
ROUGH _____ SMOOTH ☒
OTHER _____ SPECIFY _____
WIDTH OF ROADWAY _____
WIDTH OF SHOULDERS _____
TRAFFIC VOLUME 200
POSTED SPEED 80 km/h
85th PERCENTILE 91.1 km/h
16 km/h PACE 74-90 km/h
AVERAGE SPEED 84.8 km/h
SKETCH EXACT LOCATION



RECORDERS NAME R. Sweet
DATE Nov 1/02
REMARKS: _____

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS

EAST BOUND

BOUND

101						10
21						2
41						4
61						6
81						8
201						20
21						2
41						4
61						6
81						8
301						30
21						2
41						4
61						6
81						8
401						40
21						2
41						4
61						6
81						8
501						50
21						2
41						4
61						6
81						8
601						60
21						2
41						4
61						6
81						8
701						70
21						2
41						4
61						6
81						8
801						80
21						2
41						4
61						6
81						8
801						80
21						2
41						4
61						6
81						8
901						90
21						2
41						4
61						6
81						8
1001						100
21						2
41						4
61						6
81						8
1101						110
21						2
41						4
61						6
81						8
1201						120
21						2
41						4
61						6
81						8
1301						130

1 3
7 7
14 14
20 20
38 38
57 57
81 81
107 107
131 131
149 149
166 166
173 173
183 183
190 190
197 197
200 200



RADAR FIELD DATA SHEET

COUNTY Cape BretonROAD Trunk 4 at
Island SpeedwayTIME: fr 9:40 to 10:25WEATHER So cloudy

ROAD CONDITION:

ROUGH _____ SMOOTH ☒

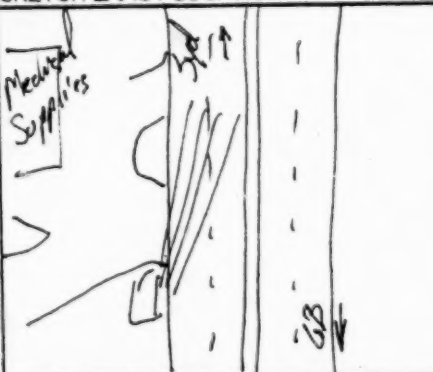
OTHER _____ SPECIFY _____

WIDTH OF ROADWAY _____

WIDTH OF SHOULDERS _____

TRAFFIC VOLUME 200POSTED SPEED 80 km/h85th PERCENTILE 89.9 km/h16 km/h PACE 76-92 km/hAVERAGE SPEED 84.4 km/h

SKETCH EXACT LOCATION



RECORDERS NAME:

R. SweetDATE: Nov 1/02

REMARKS:

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKSEast BOUND

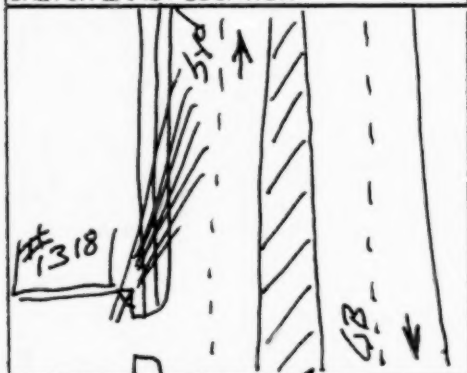
BOUND

10										10									
2										2									
4										4									
6										6									
8										8									
20										20									
2										2									
4										4									
6										6									
8										8									
30										30									
2										2									
4										4									
6										6									
8										8									
40										40									
2										2									
4										4									
6										6									
8										8									
50										50									
2										2									
4										4									
6										6									
8										8									
60										60									
2										2									
4										4									
6										6									
8										8									
70										70									
2										2	2							3	
4										4	3							6	
6										6	7							13	
8										8	19							32	
80										80	24							36	
2											2	29						83	
4											4	25						110	
6											6	30						140	
8											8	15						133	
90											90	16						171	
2											2	9						180	
4											4	6						186	
6											6	4						190	
8											8	4						194	
100											100	1						193	
2										2	2							197	
4										4									
6										6	1							198	
8										8	1							199	
110										110								200	
2										2									
4										4									
6										6									
8										8									
120										120									
2										2									
4										4									
6										6									
8										8									
130										130									



RADAR FIELD DATA SHEET

COUNTY Cape Breton
 ROAD Trunk 4 at
Essex Gable
 TIME: fr 11:20 to 11:40
 WEATHER cloudy
 ROAD CONDITION:
 ROUGH _____ SMOOTH ☒
 OTHER _____ SPECIFY _____
 WIDTH OF ROADWAY _____
 WIDTH OF SHOULDERS _____
 TRAFFIC VOLUME 100
 POSTED SPEED 80 km/h
 85th PERCENTILE 87.3 km/h
 16 km/h PACE 72 - 88 km/h
 AVERAGE SPEED 78.7 km/h
 SKETCH EXACT LOCATION



RECORDERS NAME H. Sweet
 DATE Nov 25/02.
 REMARKS: _____

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

EAST BOUND

BOUND

10					10
2					2
4					4
6					6
8					8
20					20
2					2
4					4
6					6
8					8
30					30
2					2
4					4
6					6
8					8
40					40
2					2
4					4
6					6
8					8
50					50
2					2
4					4
6					6
8					8
60					60
2					2
4					4
6					6
8					8
70	4			2	2 70
2	4			1	3 2
4	4	4		9	12 4
6	4	4		9	21 6
8	4	4	4	13	34 8
80	4	4	4	14	48 80
2	4	4	4	18	66 2
4	4	4	4	7	73 4
6	4	4	4	8	81 6 73
8	4	4	4	6	87 8 84
90	4	4	4	5	92 90 86
2	4	4	4	4	96 2 85
4	4	4	4	4	100 4
6					6
8					8
100					100
2					2
4					4
6					6
8					8
110					110
2					2
4					4
6					6
8					8
120					120
2					2
4					4
6					6
8					8
130					130



RADAR FIELD DATA SHEET

COUNTY Cape Breton

ROAD Trunk 4, opposite EIK Fabrication

TIME: fr 10:50 to 11:15

WEATHER cloudy

ROAD CONDITION:

ROUGH SMOOTH ✓

OTHER SPECIFY

WIDTH OF ROADWAY

WIDTH OF SHOULDERS

TRAFFIC VOLUME 100

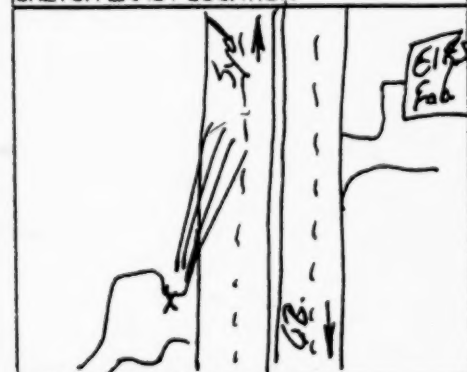
POSTED SPEED 80 km/h

85th PERCENTILE 90.8 km/h

16 km/h PACE 76 - 92 km/h

AVERAGE SPEED 85.7 km/h

SKETCH EXACT LOCATION



RECORDERS NAME R. Sweet

DATE Nov 25/02

REMARKS:

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

EAST BOUND

BOUND

10					10
2					2
4					4
6					6
8					8
20					20
2					2
4					4
6					6
8					8
30					30
2					2
4					4
6					6
8					8
40					40
2					2
4					4
6					6
8					8
50					50
2					2
4					4
6					6
8					8
60					60
2					2
4					4
6					6
8					8
70					70
2	///			2	2
4	///			4	4
6	///			6	6
8	///	///		8	8
80	///	///		80	80
2	///	///	///	2	2
4	///	///	///	4	4
6	///	///	///	6	6
8	///	///	///	8	8
90	///	///	///	90	90
2	///	///	///	2	2
4	///	///	///	4	4
6	///	///	///	6	6
8	///	///	///	8	8
100	///	///	///	100	100
2				2	2
4				4	4
6				6	6
8				8	8
110				110	110
2				2	2
4				4	4
6				6	6
8				8	8
120				120	120
2				2	2
4				4	4
6				6	6
8				8	8
130				130	130



RADAR FIELD DATA SHEET

COUNTY Cape Breton

ROAD Trunk 4 at Union Hall

TIME. fr 9:25 to 9:55

WEATHER cloudy

ROAD CONDITION:

ROUGH _____ SMOOTH ☒

OTHER _____ SPECIFY _____

WIDTH OF ROADWAY _____

WIDTH OF SHOULDERS _____

TRAFFIC VOLUME 100

POSTED SPEED 80 km/h

85th PERCENTILE 89.6 km/h

16 km/h PACE 76-92 km/h

AVERAGE SPEED 83.9 km/h

SKETCH EXACT LOCATION



RECORDERS NAME R. Jurek

DATE Nov 25/02

REMARKS: _____

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

EAST BOUND

BOUND

10					10
2					2
4					4
6					6
8					8
20					20
2					2
4					4
6					6
8					8
30					30
2					2
4					4
6					6
8					8
40					40
2					2
4					4
6					6
8					8
50					50
2					2
4					4
6					6
8					8
60					60
2			1	1	2
4					4
6			1	2	6
8			1	3	8
70			2	5	70
2			1	6	2
4			4	10	4
6			1	11	6
8			5	16	8
80			15	31	80
2			16	47	2
4			11	58	4
6			15	73	6
8			6	79	8
90			8	87	90
2			3	90	2
4			3	95	4
6			2	97	6
8			1	98	8
100					100
2			1	99	2
4					4
6			1	100	6
8					8
110					110
2					2
4					4
6					6
8					8
120					120
2					2
4					4
6					6
8					8
130					130



RADAR FIELD DATA SHEET

COUNTY Cape Breton
ROAD Trunk 4, at old
RCMP Detachment
TIME: fr 10:00 to 10:20
WEATHER cloudy
ROAD CONDITION:
ROUGH _____ SMOOTH ☒
OTHER _____ SPECIFY _____
WIDTH OF ROADWAY _____
WIDTH OF SHOULDERS _____
TRAFFIC VOLUME 100
POSTED SPEED 80 km/h
85th PERCENTILE 87.3 km/h
16 km/h PACE 72 - 88 km/h
AVERAGE SPEED 82.4 km/h

SKETCH EXACT LOCATION



RECORDERS NAME

H. Sweet
DATE: Nov 25/02

REMARKS:

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKSWEST BOUND

BOUND

10					10
2					2
4					4
6					6
8					8
20					20
2					2
4					4
6					6
8					8
30					30
2					2
4					4
6					6
8					8
40					40
2					2
4					4
6					6
8					8
50					50
2					2
4					4
6					6
8					8
60					60
2					2
4					4
6					6
8					8
70					70
2					2
4					4
6					6
8					8
80					80
2					2
4					4
6					6
8					8
90					90
2					2
4					4
6					6
8					8
100					100
2					2
4					4
6					6
8					8
110					110
2					2
4					4
6					6
8					8
120					120
2					2
4					4
6					6
8					8
130					130



RADAR FIELD DATA SHEET

COUNTY Cape Breton
 ROAD Trunk 4 at
ELKS Fabrication
 TIME. fr 10:25 to 10:45
 WEATHER cloudy
 ROAD CONDITION:
 ROUGH _____ SMOOTH ☒
 OTHER _____ SPECIFY _____
 WIDTH OF ROADWAY _____
 WIDTH OF SHOULDERS _____
 TRAFFIC VOLUME 100
 POSTED SPEED 80 Km/h
 85th PERCENTILE 89.4 Km/h
 16 km/h PACE 74-90 Km/h
 AVERAGE SPEED 83.8 Km/h

SKETCH EXACT LOCATION



RECORDERS NAME.

R. Scott

DATE Nov 25/02

REMARKS: _____

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

WEST BOUND

BOUND

10					10
2					2
4					4
6					6
8					8
20					20
2					2
4					4
6					6
8					8
30					30
2					2
4					4
6					6
8					8
40					40
2					2
4					4
6					6
8					8
50					50
2					2
4					4
6					6
8					8
60					60
2					2
4					4
6					6
8					8
70					70
2	11			2	2
4	11			5	7
6	11			5	12
8	11			10	22
80	11	11		11	33
2	11	11		13	46
4	11	11		13	59
6	11	11		16	75
8	11	11		3	80
90	11	11		7	87
2	11	11		4	91
4	11	11		7	98
6					
8					
100				1	99
2				1	100
4					
6					
8					
110					110
2					2
4					4
6					6
8					8
120					120
2					2
4					4
6					6
8					8
130					130



RADAR FIELD DATA SHEET

COUNTY Cape Breton

ROAD Trunk 4 at GRM

Sewer Treatment Road

TIME: fr 11:40 to 12:00

WEATHER cloudy

ROAD CONDITION:

ROUGH _____ SMOOTH ☒

OTHER _____ SPECIFY _____

WIDTH OF ROADWAY _____

WIDTH OF SHOULDERS _____

TRAFFIC VOLUME 100

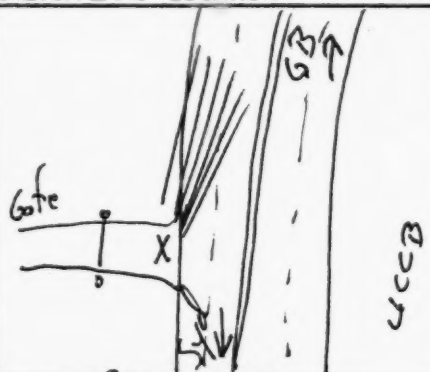
POSTED SPEED 80 km/h

85th PERCENTILE 89.1 km/h

16 km/h PACE 74-90 km/h

AVERAGE SPEED 84.0 km/h

SKETCH EXACT LOCATION



RECORDER'S NAME

R. Sweet

DATE Nov 25/02

REMARKS: _____

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

WEST BOUND

BOUND

10					10
2					2
4					4
6					6
8					8
20					20
2					2
4					4
6					6
8					8
30					30
2					2
4					4
6					6
8					8
40					40
2					2
4					4
6					6
8					8
50					50
2					2
4					4
6					6
8					8
60					60
2					2
4					4
6					6
8					8
70					70
2					2
4					4
6					6
8					8
80					80
2					2
4					4
6					6
8					8
90					90
2					2
4					4
6					6
8					8
100					100
2					2
4					4
6					6
8					8
110					110
2					2
4					4
6					6
8					8
120					120
2					2
4					4
6					6
8					8
130					130



RADAR FIELD DATA SHEET

COUNTY Cape Breton
ROAD Trunk 4 at
Vis. Sct. Substation
TIME: fr 11:15 to 11:45
WEATHER cloudy
ROAD CONDITION:
ROUGH _____ SMOOTH ☒
OTHER _____ SPECIFY _____
WIDTH OF ROADWAY _____
WIDTH OF SHOULDERS _____
TRAFFIC VOLUME 210
POSTED SPEED 80 km/h
85th PERCENTILE 91.9 km/h
16 km/h PACE 76 - 92 km/h
AVERAGE SPEED 85.4 km/h
SKETCH EXACT LOCATION



RECORDERS NAME: H. Sweet
DATE: Nov 1/02
REMARKS: _____

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS

WEST BOUND

BOUND

10						10		
2						2		
4						4		
6						6		
8						8		
20						20		
2						2		
4						4		
6						6		
8						8		
30						30		
2						2		
4						4		
6						6		
8						8		
40						40		
2						2		
4						4		
6						6		
8						8		
50						50		
2						2		
4						4		
6						6		
8						8		
60						60		
2						2		
4						4	2	2
6						6		
8						8		
70						70	4	6
2						2		
4	###					4	7	13
6	###	###				6	10	23
8	###	###				8	17	40
80	###	###	###			80	18	58
2	###	###	###	###		2	28	86
4	###	###	###	###		4	15	101
6	###	###	###	###		6	24	125
8	###	###	###	###		8	18	143
90	###	###	###	###		90	21	164
2	###	###	###	###		2	15	179
4	###	###	###	###		4	15	194
6	###	###	###	###		6	4	198
8	###	###	###	###		8	3	203
100	###	###	###	###		100	2	203
2						2	3	208
4						4	2	210
6						6		
8						8		
110						110		
2						2		
4						4		
6						6		
8						8		
120						120		
2						2		
4						4		
6						6		
8						8		
130						130		



DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS

WEST BOUND

BOUND

RADAR FIELD DATA SHEET

COUNTY Cape Breton
ROAD Trunk 4, opposite
Volanda Dr.

TIME: fr 12:50 to 1:20

WEATHER cloudy

ROAD CONDITION:

ROUGH _____ SMOOTH ☒

OTHER _____ SPECIFY _____

WIDTH OF ROADWAY _____

WIDTH OF SHOULDERS _____

TRAFFIC VOLUME 210

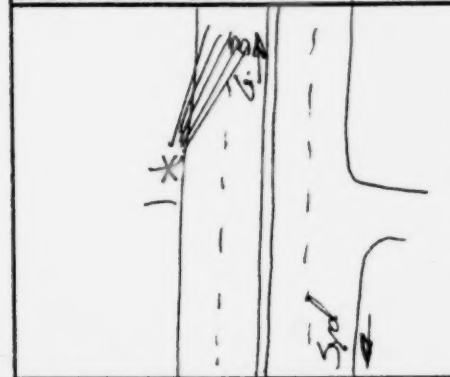
POSTED SPEED 80 km/h

85th PERCENTILE 90.1 km/h

16 km/h PACE 76 - 92 km/h

AVERAGE SPEED 84.1 km/h

SKETCH EXACT LOCATION



RECORDERS NAME:

R. Sweet

DATE: Nov 1/02

REMARKS: _____

10										10		
2										2		
4										4		
6										6		
8										8		
20										20		
2										2		
4										4		
6										6		
8										8		
30										30		
2										2		
4										4		
6										6		
8										8		
40										40		
2										2		
4										4		
6										6		
8										8		
50										50		
2										2		
4										4		
6										6		
8										8		
60										60		
2										2		
4										4		
6										6		
8										8		
70										70		
2										2		
4										4		
6										6		
8										8		
80										80		
2										2		
4										4		
6										6		
8										8		
90										90		
2										2		
4										4		
6										6		
8										8		
100										100		
2										2		
4										4		
6										6		
8										8		
110										110		
2										2		
4										4		
6										6		
8										8		
120										120		
2										2		
4										4		
6										6		
8										8		
130										130		



RADAR FIELD DATA SHEET

COUNTY Cape BretonROAD Trunk 4, at
Junction RdTIME: fr 2:35 to 3:05WEATHER cloudy

ROAD CONDITION:

ROUGH _____ SMOOTH ☒

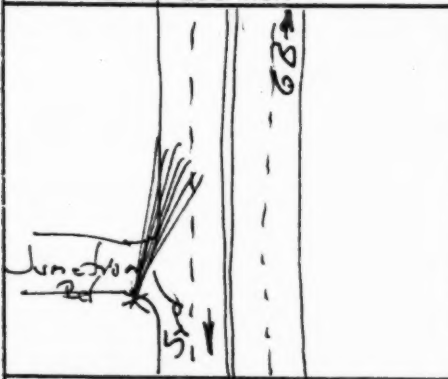
OTHER _____ SPECIFY _____

WIDTH OF ROADWAY _____

WIDTH OF SHOULDERS _____

TRAFFIC VOLUME 200POSTED SPEED 80 km/h85th PERCENTILE 88.8 km/h16 km/h PACE 74-90 km/hAVERAGE SPEED 82.7 km/h

SKETCH EXACT LOCATION



RECORDERS NAME

R. SweetDATE Nov 1/02

REMARKS: _____

DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS

WEST BOUND

BOUND

10						10		
2						2		
4						4		
6						6		
8						8		
20						20		
2						2		
4						4		
6						6		
8						8		
30						30		
2						2		
4						4		
6						6		
8						8		
40						40		
2						2		
4						4		
6						6		
8						8		
50						50		
2						2		
4						4		
6						6		
8						8		
60						60	1	1
2						2		
4						4	1	2
6						6	1	3
8						8		
70						70	3	6
2						2	2	8
4						4	12	20
6						6	12	32
8						8	25	57
80						80	25	82
2						2	32	114
4						4	20	134
6						6	20	154
8						8	10	164
90						90	13	173
2						2	3	184
4						4	8	192
6						6	3	195
8						8	3	200
100						100		
2						2		
4						4		
6						6		
8						8		
110						110		
2						2		
4						4		
6						6		
8						8		
120						120		
2						2		
4						4		
6						6		
8						8		
130						130		

Appendix "F"

Signal Warrant Analysis

To: Rob Sweet - DTS Eastern

From: Lester Hanley - Co-ordinator Traffic Census

Date: Nov.28, 2002

Subject: Trunk 4 @ Kytes Hill Rd - 80 Km

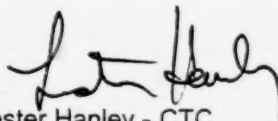
The intersection listed above was analysed for traffic control signals. Data for the analysis came from a turning movement count conducted on Oct.22, 2002 and accident histories obtained by Gary Sellon from the TPW accident database. The results for this intersection are summarized below.

Trunk 4 @ Kytes Hill Rd

1. Traffic Signals - **68** Priority Points - warrant not met (Based on **12** accidents over a five year period)
2. Left Turn Lane - Left turning lane met warrants.

AADT Directional Traffic Flow Diagrams, Traffic Signal Warrant and Priority Rating Sheets, Left Turn Lane *Data Sheets and charts are attached.*

cc: Kent Spieran


Lester Hanley - CTC

Nova Scotia
Department of Transportation
and Public Works

Directional traffic flow Diagram

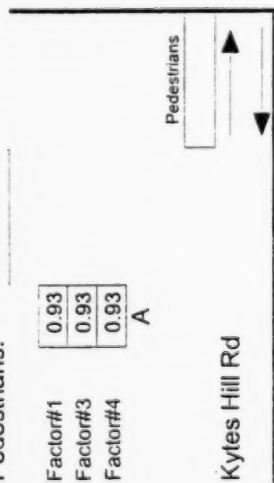
Intersection: Tk. 4 @ Kyles Hill Drive
 County: Cape Breton
 Date: Oct 22, 2002
 Vehicles: All 80 Km

Town: Sydney
 Time: AADT

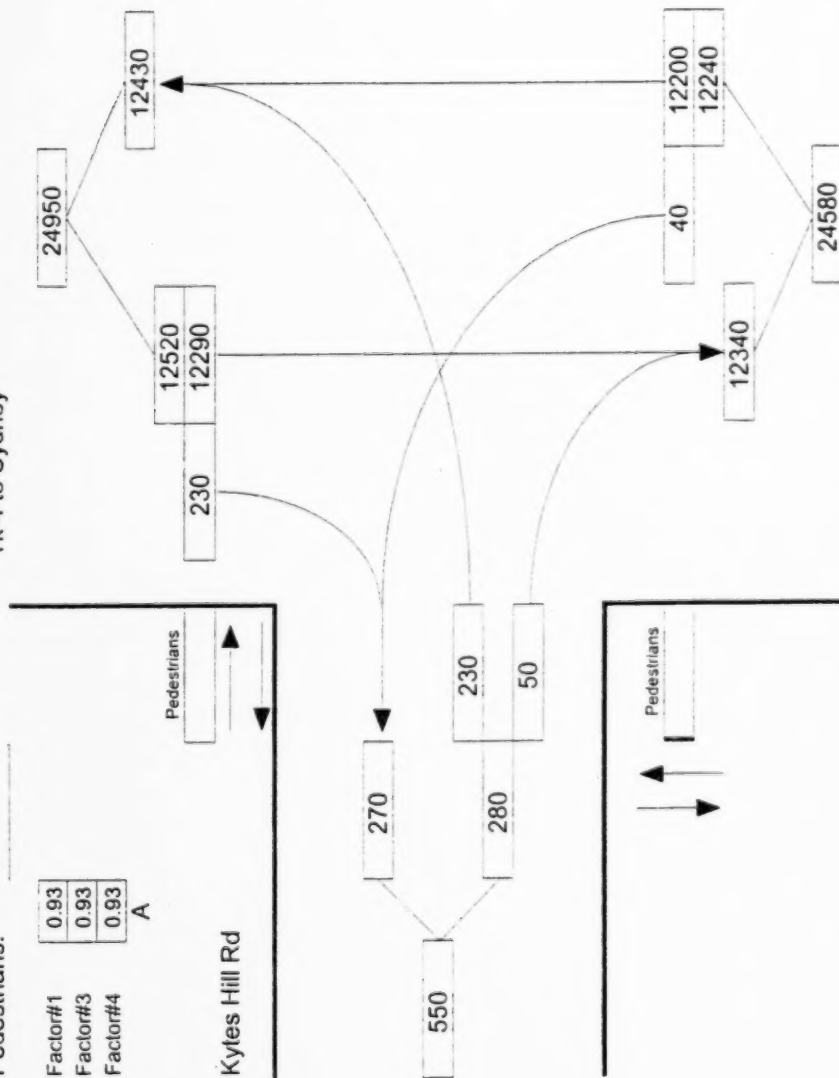
Pedestrians:

Factor#1	0.93
Factor#3	0.93
Factor#4	0.93
A	

Tk 4 to Sydney



Tk. 4 to Glace Bay



Pedestrians

Tk. 4 to Glace Bay

Signal Analysis Form

Intersection: Tk. 4 @ Kyles Hill Drive Town: Sydney
County: Cape Breton
Date: Oct. 22, 2002 Time:
Vehicles: All 80 Km

	Kyles Hill Rd		Tk. 4 to Sydney		Tk. 4 to Glace Bay	
	←	→	←	→	←	→
07:00						
07:15	13	3	6	729	0	630
07:30						
07:45						
08:00	13	3	6	729	0	630
08:15						
08:30	28	2	8	963	1	1009
08:45						
09:00	28	2	8	963	1	1009
09:15						
09:30	15	3	6	763	0	831
09:45						
10:00	15	3	8	763	0	831
10:15						
10:30	9	5	11	655	0	587
10:45						
11:00	9	5	11	655	0	587
11:15						
11:30	15	4	13	817	2	754
11:45						
12:00	15	4	13	817	2	754
12:15						
12:30	13	2	14	809	4	684
12:45						
13:00	13	2	14	809	4	684
13:15						
13:30	9	3	14	833	2	841
13:45						
14:00	9	3	14	833	2	841
14:15						
14:30	16	3	13	807	5	762
14:45						
15:00	16	3	13	807	5	762
15:15						
15:30	24	5	26	1069	6	842
15:45						
16:00	24	5	26	1069	6	842
16:15						
16:30	14	6	19	1092	3	1125
16:45						
17:00	14	6	19	1092	3	1125
17:15						
17:30	14	2	40	762	5	1100
17:45						
18:00	14	2	40	762	5	1100
18:15						
18:30	12	3	12	609	6	677
18:45						
19:00	12	3	12	609	6	677

Nova Scotia Department of Transportation and Public Works

Signal Analysis Form - Data Sheet

I. Accidents

Average number of accidents =
(over the last five years)

2

Ave. # of Accidents

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Acc. Priority Points
-25
-21
-18
-14
-11
-7
-4
0
4
7
11
14
18
21
25
29

II. Crossing Gaps, Progression, Delay and Vehicular Stops

A. One-Way Street

P1- E/W St. E. of Int W. of Int Feew
1
Fens
1

P1- N/S St. N. of Int S. of Int Feew
1

B. Two-Way Street

P2- E/W St. E. of Int W. of Int Feew
2 2 1
N. of Int S. of Int Fens
2 2 1

P2- N/S St. E. of Int W. of Int Feew
2 2 1
N. of Int S. of Int Fens
2 2 1

III. Crossing Gaps, Intersecting Volumes, and Pedestrian Volumes

A. Through street One-Way

EW Peds =
N/S Peds =
Fow =
Fr =
P3 =
FI =

B. Through street Two-Way

EW Peds = 100
N/S Peds = 100
Fow = 1

TRAFFIC SIGNAL INSTALLATION WARRANT AND PRIORITY RATING WORK SHEET

Location: Tk. 4 @ Kyles Hill Drive

Date: Oct 22, 2002

-21

I. Accidents (Graph A) Priority Points = Pa

II. Crossing Gaps, Progression, Delay and Vehicular Stops

A. One-Way Street (Graph B-1)

Priority points
E-W street - east of Inter/s
E-W street - west of Inter/s

Priority points
N-S street - north of Inter/s
N-S street - south of Inter/s

0
0

0
0

B. Two-Way Street (Graph B-2)

Priority points
E-W street - east of Inter/s
E-W street - west of Inter/s

Priority points
N-S street - north of Inter/s
N-S street - south of Inter/s

NA
1

50
49

100

Total

NOTE: Maximum points for II = +80.

80

III. Crossing Gaps, Intersecting Volumes, and Pedestrian Volumes

A. Through Street One-Way (Graphs C and D) Priority points

0
0

B. Through Street Two-Way Priority points

9

Total

9

TOTAL PRIORITY POINTS

68

Appendix "G"

Left Turn Lane Warrant Analysis

Nova Scotia Department of Transportation and Public Works Left Turn Analysis Form - Data Sheet

Intersection: Tk. 4 @ Kyles Hill Drive
 County: Cape Breton
 Date: Oct 22, 2002
 Vehicles: All 80 Km

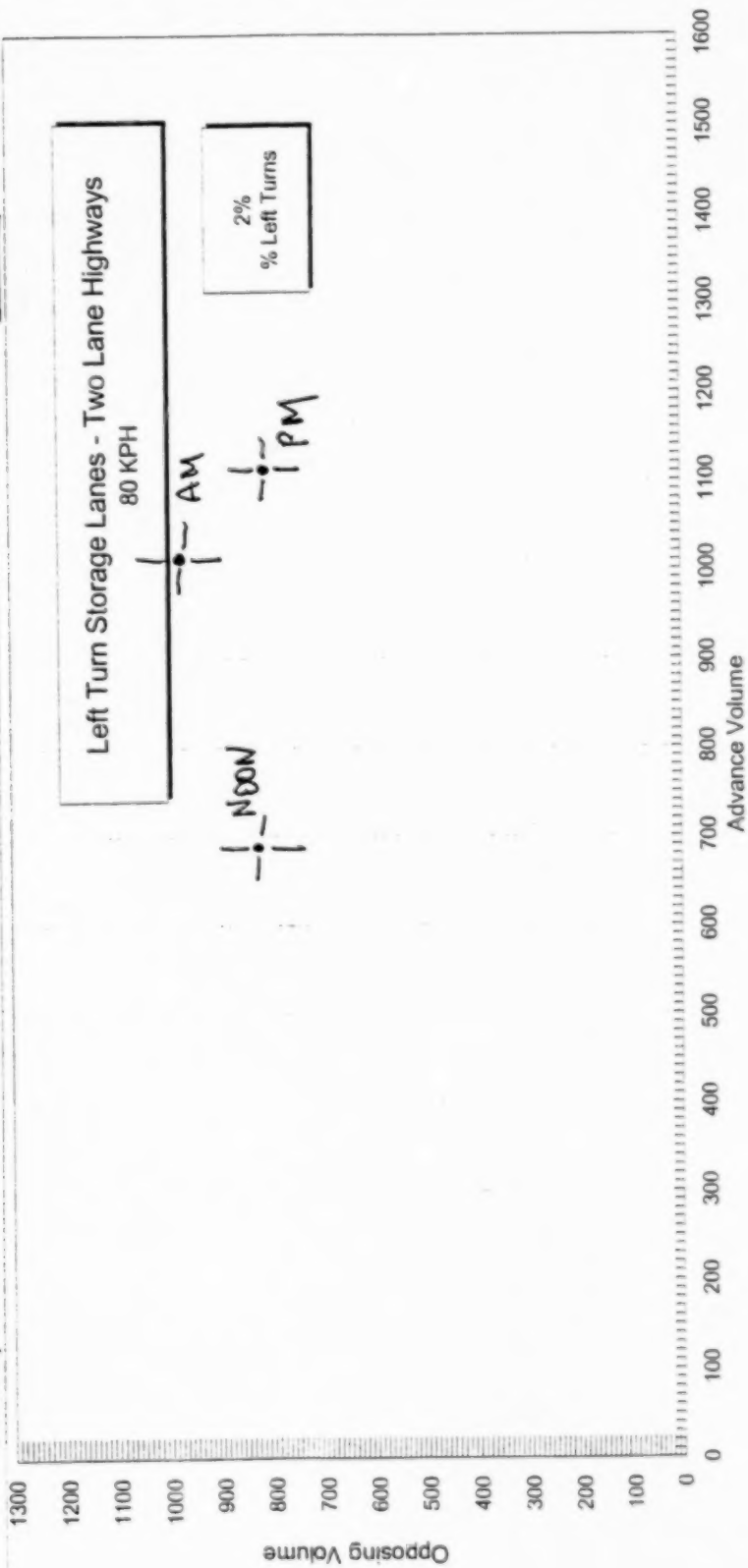
Town: Sydney
 Time: Peak Hours

Left Turning Volume Advancing Turns in VA Opposing

AM Peak	07:00	08:00	08:00	08:15	08:30	08:45	09:00	Left Turning Volume	Volume Advancing	% Left Turns in VA	Volume Opposing
	07:00	08:00	0	0	1	1	1	0	630	0%	735
	07:15	08:15	0	0	1	1	1	0	630	0%	735
	07:30	08:30	1	1	1010	1010	1010	0%	0%	0%	971
	07:45	08:45	1	1	1010	1010	1010	0%	0%	0%	971
	08:00	09:00	1	1	1010	1010	1010	0%	0%	0%	971
Mid day Peak	11:00	12:00	2	2	756	756	756	0%	0%	0%	830
	11:15	12:15	2	2	756	756	756	0%	0%	0%	830
	11:30	12:30	4	4	688	688	688	1%	1%	1%	823
	11:45	12:45	4	4	688	688	688	1%	1%	1%	823
	12:00	13:00	4	4	688	688	688	1%	1%	1%	823
PM Peak	16:00	17:00	3	3	1128	1128	1128	0%	0%	0%	1111
	16:15	17:15	3	3	1128	1128	1128	0%	0%	0%	1111
	16:30	17:30	5	5	1105	1105	1105	0%	0%	0%	802
	16:45	17:45	5	5	1105	1105	1105	0%	0%	0%	802
	17:00	18:00	5	5	1105	1105	1105	0%	0%	0%	802

All met warrants

Oct 22, 2002



Appendix "H"

Level of Service Analysis



Transportation and
Public Works
Highway Engineering Services Division
Asset Management Group

Suite 400
1969 Upper Water St.
PO Box 186
Halifax, Nova Scotia
B3J 2N2

Bus: 902-424-3548
Fax: 902-424-0571
E-mail: croftmi@gov.ns.ca

To: Rob Sweet, DTS Eastern
From: Mike Croft, Access Mgmt. Engineer
Date: Feb. 13, 2003
Re: Trunk 4, Sydney to Glace Bay

As requested I have completed a LOS analysis for the section of Trunk 4 between Sydney and Glace Bay. Attached are the traffic statistics and HCS2000 output report which contains all input parameters and analysis results. During the PM peak this section of roadway operates at LOS "B". If you have any questions please contact me.

Michael Croft, P.Eng.

c.c. Kent Speiran, Mgr. Asset Management

C:\BACKUP\wpfiles\EASTERN\Tk4Syd-Glacbay mem

Michael Croft

ISDOT&PW

Box 186

Fax, NS

3J 2N2

Phone: 902-424-3548

Fax: 902-424-0571

Email: croftmi@gov.ns.ca

OPERATIONAL ANALYSIS

Analyst: Mike Croft

Agency/Co: TPW

Date: 2/12/2003

Analysis Period: PM Peak Hour

Highway: Trunk 4

From/To: Sydney to Glace Bay

Jurisdiction:

Analysis Year: 2003

Project ID:

FREE-FLOW SPEED

Direction	1	2
Lane width	3.6 m	3.6 m
Lateral clearance:		
Right edge	1.8 m	1.8 m
Left edge	1.8 m	1.8 m
Total lateral clearance	3.6 m	3.6 m
Access points per km	9	9
Median type	Undivided	Undivided
Free-flow speed:	Base	Base
BFFS or BFFS	83.0 km/h	83.0 km/h
Lane width adjustment, FLW	0.0 km/h	0.0 km/h
Lateral clearance adjustment, FLC	0.0 km/h	0.0 km/h
Median type adjustment, FM	2.6 km/h	2.6 km/h
Access points adjustment, FA	6.0 km/h	6.0 km/h
Free-flow speed	74.4 km/h	74.4 km/h

VOLUME

Direction	1	2
Volume, V	1150 vph	1000 vph
Peak-hour factor, PHF	0.90	0.90
Peak 15-minute volume, v15	319	278
Trucks and buses	5 %	5 %
Recreational vehicles	0 %	0 %
Train type	Level	Level
Grade	0.00 %	0.00 %

segment length	0.00	km	0.00	km
number of lanes	2		2	
population adjustment, fP	1.00		1.00	
trucks and buses PCE, ET	1.5		1.5	
recreational vehicles PCE, ER	1.2		1.2	
heavy vehicle adjustment, fHV	0.976		0.976	
volume, vp	654	pcphpl	569	pcphpl

RESULTS

Direction	1	2		
volume, vp	654	pcphpl	569	pcphpl
free-flow speed, FFS	74.4	km/h	74.4	km/h
passenger-car travel speed, S	74.4	km/h	74.4	km/h
level of service, LOS	B		B	
density, D	8.8	pc/km/ln	7.6	pc/km/ln

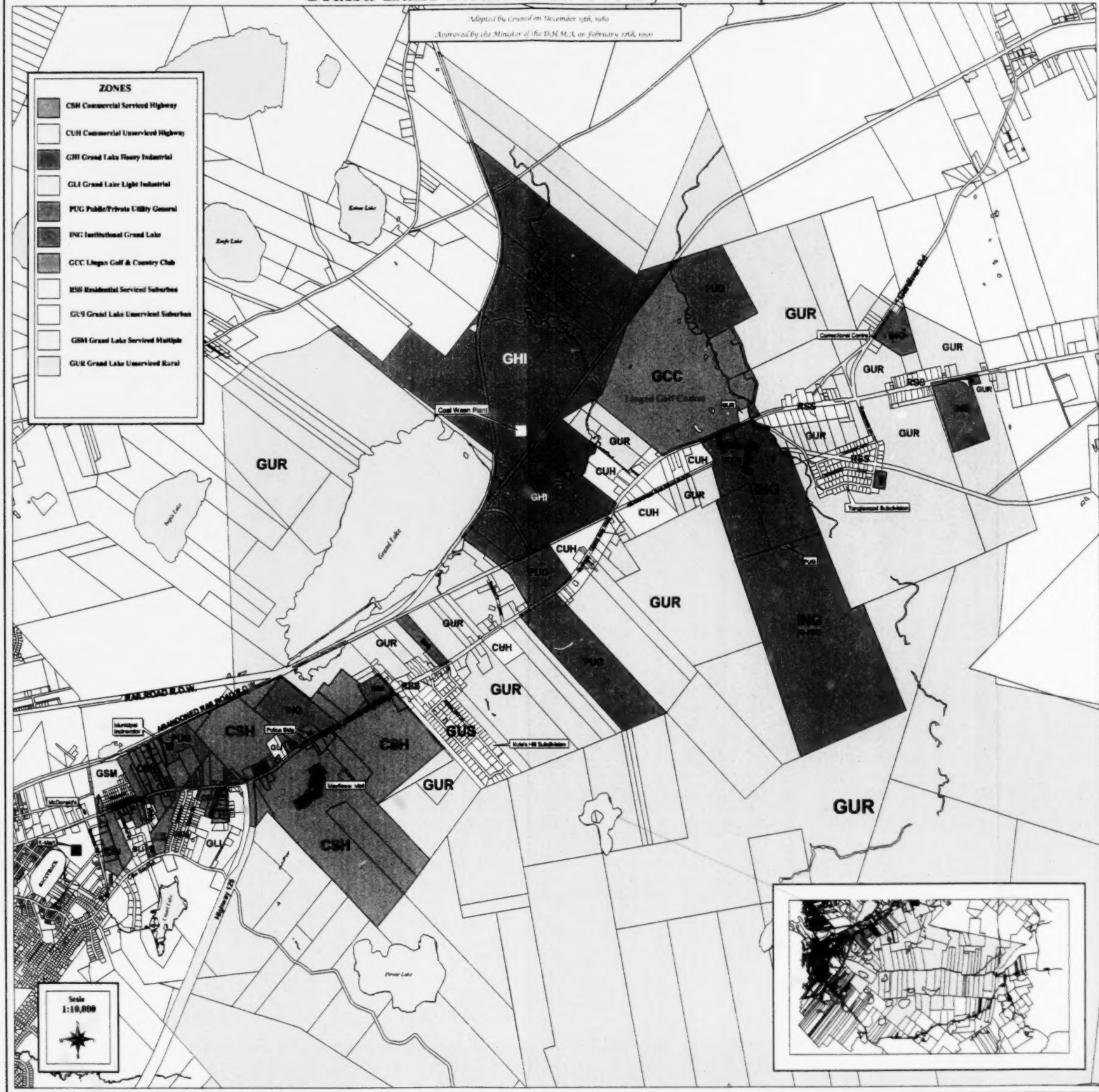
Overall results are not computed when free-flow speed is less than 70 km/h.

Appendix "I"

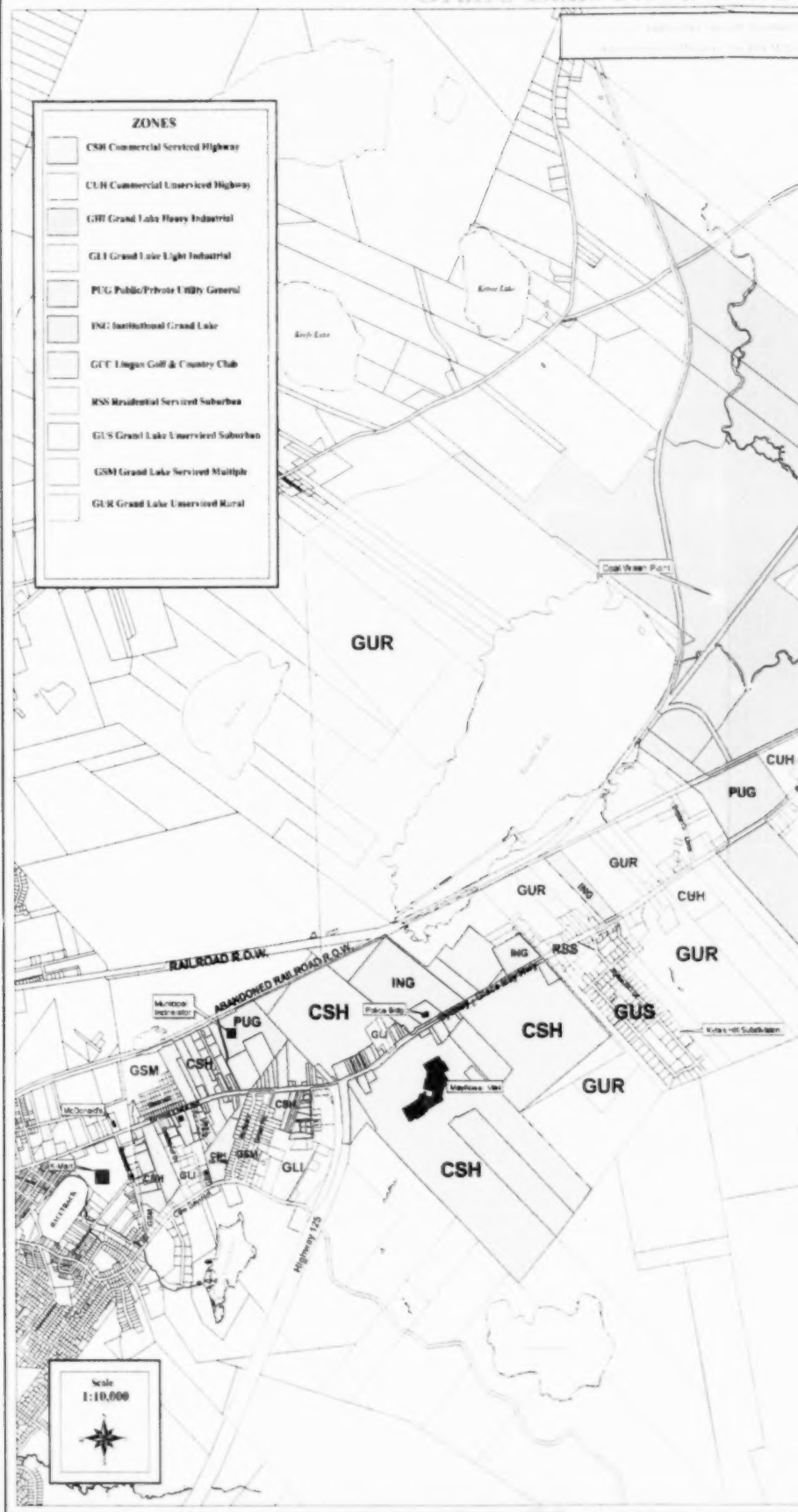
CBRM Land Use Plans

including amendments to March 31st, 2000

Approved by the Minister of the D.M.M.A. on February 27th, 1940

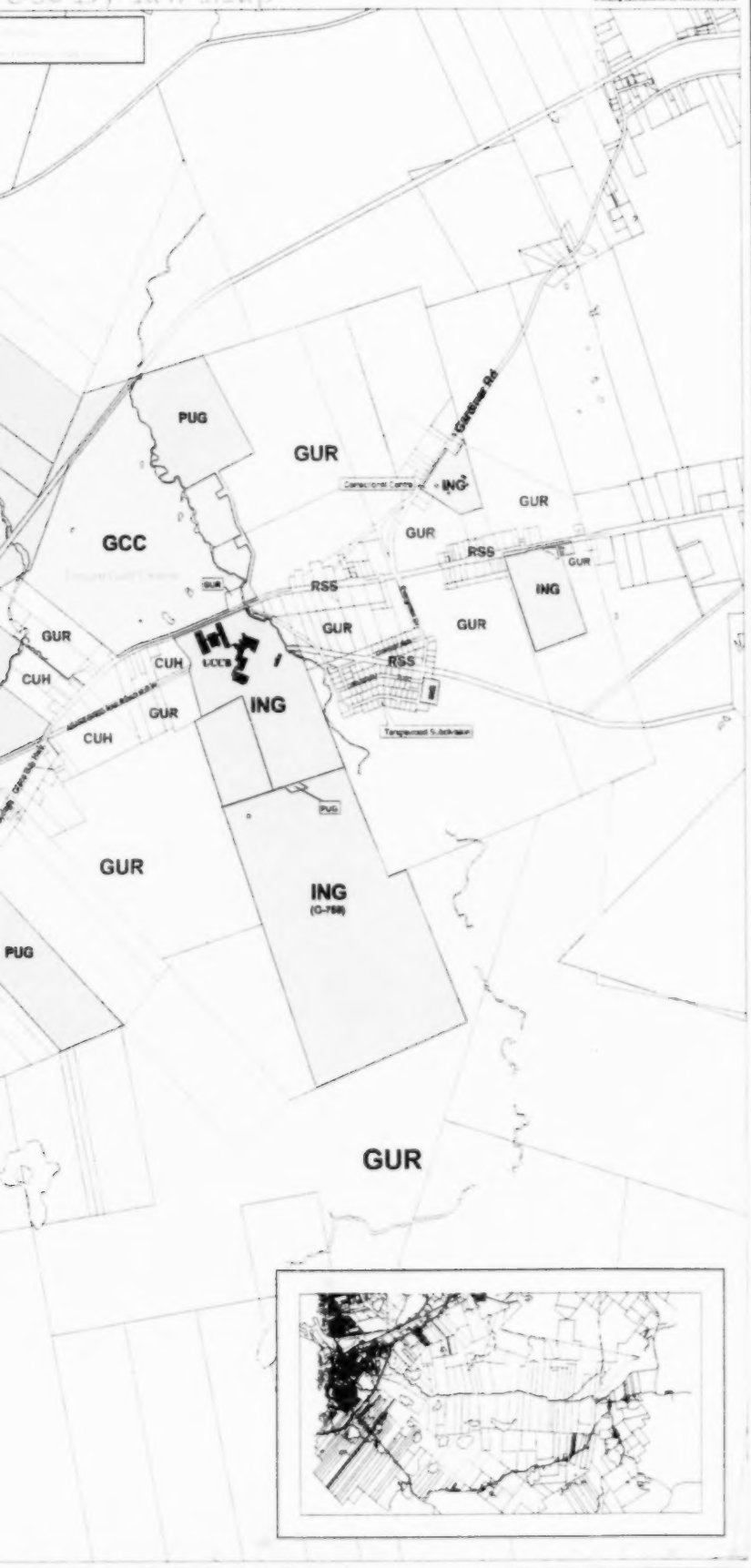


Journal of Management Education 32(10)br/>October 2008 1133-1147



Use By-law Map

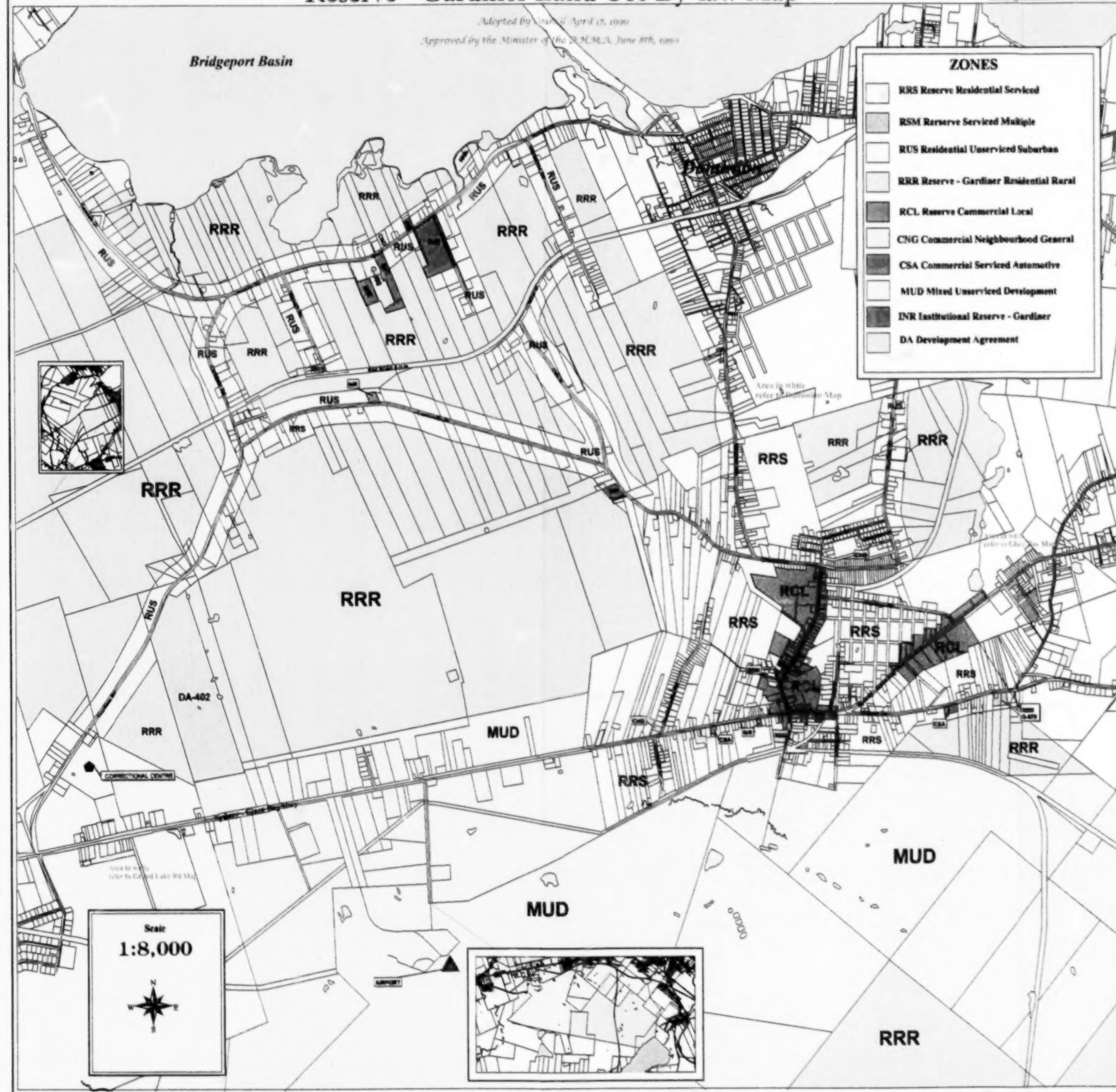
Including amendments to March 1st, 2000



Reserve - Gardiner Land Use By-law Map

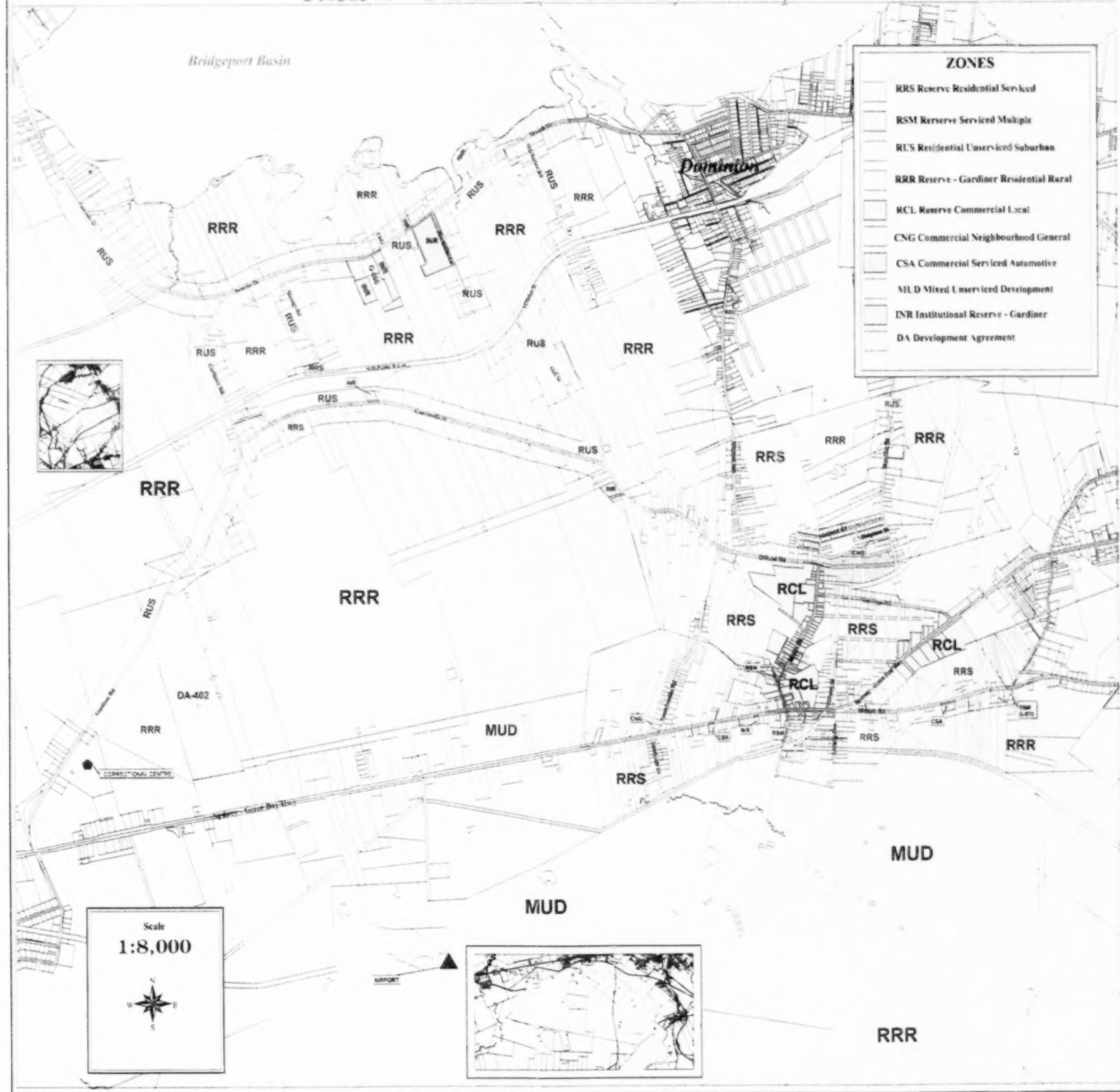
Including amendments to March 31st, 2000

Adopted by Council on April 17, 1990
Approved by the Minister of the S.C.M.A. June 8th, 1990



Reserve - Gardiner Land Use By-law Map

Including amendments to March 31st, 2005



Appendix "J"

Correspondence

From: Bruce Fitzner
To: "jmacphee@seascape.ns.ca": NSGOVINTERNET.NSGT
Date: 10/10/02 5:40PM
Subject: Re: Fw: Traffic on Grand Lake Road

Dear Mrs. MacPhee:

I have received copies of your e-mails and those of Councillor Hall. Ms. Baillie, Mr. Sweet and I have discussed this issue. Please be advised that we have now initiated a full safety review of this section of highway to assess speeds, signage, traffic control devices, accidents, traffic volumes and turning movements. Collection of required data and analysis will take 4- 6 weeks. Upon completion of our investigation we will report our findings and any recommendations that fall out of our analysis.

S. Bruce Fitzner, P. Eng.,
District Director - Eastern District
(902) 563-2250

>>> "Janet MacPhee" <jmacphee@seascape.ns.ca> 10/9/2002 1:46:48 PM >>>
Barbara:

I was wondering when you might be in a position to respond to my e-mail dated October 1, 2002 which is attached for your perusal.

Thank you,
Janet MacPhee

----- Original Message -----

From: Janet MacPhee
To: BAILLIBA@gov.ns.ca
Cc: Vince Hall ; fitznebr@gov.ns.ca
Sent: Tuesday, October 01, 2002 2:48 PM
Subject: Traffic on Grand Lake Road

Barbara:

My name is Janet MacPhee and I live on Grand Lake Road. My son is 9 years old and attends Lakevale School also on Grand Lake Road. I and many other parents who live on this highway have concerns about the traffic. Right now, I will speak for myself. Whenever I am driving my son to school, I have to stop in the lane going towards Sydney to make the left turn onto the school grounds. The traffic coming in back of me is very dangerous as the cars are approaching at a speed in excess of 80 km. This is a school zone and the signage which is posted says 60 km., when in fact when there are school children present, the speed limit should be 50 km. The traffic coming from Sydney towards Glace Bay are also traveling at a high rate of speed. The traffic lights at the Mayflower Mall do not help as there are no cars coming from the Mall and therefore the lights do not change. My son can get the bus, but I am so nervous

of the number of accidents that have happened on this stretch of road that I rather drive him myself, and also I work and leave the house and do not like to leave him at the bus stop by himself with no-one at home. I spoke to Glen MacGuire, his bus driver, and he informs me that this is in fact very dangerous. He told me that the cars are travelling at a high rate of speed and he is also nervous when letting the children off the bus.

My husband has spoken to Rob Sweet and he said that he would look into it. I have spoken to Rob Sweet myself last year and still there has been nothing done. The signage is very poor, as there isn't even a sign to say the speed limit is 80 km., once you get further past the school going towards Glace Bay. There is a huge sign by the school with the km. to different areas, ie. the airport, Glace Bay etc. This sign to us parents is not as important as a huge sign to say "We love our children, slow down". I have also spoken to Srg. MacQueen at the Regional Police Service. He informs me that this is in fact a dangerous stretch of highway and he agrees that the cars are going at a high rate of speed. He also said that he is going to put in a request to have more patrols in the area. I think this will help when the patrol cars are present, but once the patrol cars are not in the area, the vehicles will start speeding again. We would like the speed limit to be reduced to 60 km. on this stretch and then maybe the traffic will slow down to 80 km.

My other son attends Sydney Academy High School, grade 10. He was coming home on the school bus last week and almost got into an accident. The bus, coming from Sydney, stopped across the street from Junction Road to let one of the children off the bus who has to cross the street to go to Junction Road. The bus driver had the stop sign out and all four lanes of traffic were stopped. A coal truck going towards Sydney was in the outer lane, travelling fast, when he had to slam the brakes on and the truck started smelling, like something was burning. The truck lost control, went across the street towards the bus and just in front of the bus the truck swerved again and went onto the sidewalk. One witness said it was something you would see in a movie. The truck just missed the bus. Those kids would of been dead. Just lucky he did miss the bus, because one of these days these kids are not going to be so lucky. My son is 14 and he was shaken up pretty bad.

Just today I was driving towards Sydney, and I was travelling at 50 km. when a Public Works Truck (looked like a garbage truck) came flying by me in the school zone in the centre lane. The children were outside on the school grounds. These trucks should not be able to travel in the centre lane. A lot of times you see two trucks, coal trucks, dump trucks, etc., traveling side by side going towards Glace Bay or towards Sydney.

I have spoken to Srg. MacQueen and Vince Hall regarding this and they both agree that the speed limit should be reduced to 60 km. I have contacted Paul MacEwan and the Cape Breton Post also. I have not spoken to either of them yet.

Please e-mail me with your comments or suggestions, and thank you for taking the time to look into this matter.

Janet MacPhee

e-mail address: jmacphee@seascape.ns.ca

CC: "VAHALL@cbrm.ns.ca".NSGOVINTERNET.NSGT; Baillie, Barbara; Sweet, Rob

From: Vince Hall <VAHALL@cbrm.ns.ca>
To: 'Janet MacPhee' <jmacphee@seascape.ns.ca>, David Wilson
<DDWILSON@cbrmps.cape-breton.ns.ca>
Date: 10/10/02 12:07PM
Subject: RE: Grand Lake Road

Hi Janet,

I happened upon that accident on my way home yesterday and I agree with you that something ought to be done about the speed of vehicular traffic on that stretch of highway.

By copy of this email I will give Associate Chief Dave Wilson, CBRPS a reminder of my request for an increase in patrols on Grand Lake Road. For ease of reference I will attached the recent emails that I sent to his office on the subject. I should note that I understand Mr. Wilson has been out of town so that might explain why I didn't get a response as yet and thereby am unable to update you accordingly.

Further, by copy of this email I will ask Mr. Bruce Fitzner, Director, NS DoT&PW, to ensure that his staff give this section of highway due consideration in respect to signage, lanes and speed zones. Thank you.

Vince Hall

-----Original Message-----

From: Janet MacPhee [mailto:jmacphee@seascape.ns.ca]
Sent: Wednesday, October 09, 2002 4:27 PM
To: BAILLIBA@gov.ns.ca
Cc: Vince Hall; fitznebr@gov.ns.ca
Subject: Grand Lake Road

It is approximately 4:23 p.m. on Wednesday, October 9th, 2002. There has just been another accident in front of Kyte's Hill Drive on Grand Lake Road. The traffic is backed up again. The cars are driving way too fast!! Please do something about this dangerous stretch before one of our kids or someone gets killed. This morning at approximately 8:30 a.m., the school bus was stopped again and a car had to slam the brakes on. Someone is going to get seriously hurt if the speed limit is not reduced on this road. Just last week there was an accident in front of the my house which is just past Kyte's Hill Drive.

CC: <fitznebr@gov.ns.ca>, <BAILLIBA@gov.ns.ca>, "richard.mahoney@ns.sympatico.ca"
<richard.mahoney@ns.sympatico.ca>

From: Vince Hall <VAHALL@cbrm.ns.ca>
To: David Wilson <DDWILSON@cbrmps.cape-breton.ns.ca>
Date: 10/3/02 11:06PM
Subject: FW: Accident stats and traffic count - Tk 4 - Sydney-Glace Bay Hwy (Grand Lake Road)

Assoc. Chief Wilson,
Can you please take into account the concerns of Mr. Mahoney of Kyte's Hill Drive, Grand Lake Road on the matter of excessive speed that I have previously brought to your attention (see attached)?

In addition can you have someone update me on your planned course of action?
Thank you.

Regards,

Vince Hall

-----Original Message-----

From: Vince Hall
Sent: Monday, September 30, 2002 11:48 AM
To: David Wilson
Cc: John W. Morgan;
Subject: FW: Accident stats and traffic count - Tk 4 - Sydney-Glace Bay Hwy (Grand Lake Road)

Assoc. Chief Wilson,

Attached for your files are accident statistics on Grand Lake Road that were provided to me by the Nova Scotia Department of Transportation and Public Works in 2001.

As you know vehicular traffic on Grand Lake Road has been an issue for me and there is no doubt that speed will increase once construction on the new section is complete. I believe that excessive speed and inattentive drivers are the main causes, so can we expand upon patrols for awhile to try to have more of an impact on the entire Grand Lake Road? Thank you.

Vince Hall

-----Original Message-----

From: Gary Sellon [mailto:SELLONGA@gov.ns.ca]
Sent: Thursday, June 07, 2001 2:13 PM
To: Vince Hall
Cc: Doug Bain; Ross McLaren; Rob Sweet
Subject: Accident stats and traffic count - Tk 4 - Sydney-Glace Bay Hwy

Councilor Hall - CBRM

Please see attachment below for accident statistics and traffic count for Trunk 4, Sydney-Glace Bay Highway.

Regards,
Gary Sellon

CC: "richard.mahoney@ns.sympatico.ca" <richard.mahoney@ns.sympatico.ca>, "John W. Morgan" <JWMORGAN@cbrm.ns.ca>

From: "Janet MacPhee" <jmacphee@seascape.ns.ca>
To: "Bruce Fitzner" <fitznebr@gov.ns.ca>
Date: 11/20/02 8:38AM
Subject: Re: Fw: Traffic on Grand Lake Road

There was also an accident on Grand Lake Road on November 18th, and there was ANOTHER bad accident on Grand Lake Road last night, November 19th. The traffic was backed up for hours coming from Sydney towards Reserve, on the Trans Canada Highway, and traffic coming from Reserve into Sydney until it was re-routed. Something has to be done with this stretch of highway as there are too many rear-end collisions or does someone have to die first? The motorists are not paying attention to the speed or watching as vehicles are turning in and out of their own driveways or streets. The speed limit is 80 km., but the vehicles are travelling in excess of 100 km. The statistics shown for the number of accidents, on this stretch of road is approximately 78 to 85 vehicles per year. Does this figure need to keep increasing before something is done? This figure is high enough as it is. The residents should not have to be stuck in traffic due to the carelessness of drivers not paying attention to the speed and the Police not patrolling the area. My son had a hockey game last night, and was he to suffer because of the traffic jam due to this accident, No, we were stuck in this traffic as well.

I do not know what it takes to have you people listen to the residents in this area. Just have a look at the number of accidents lately. I am sure the number of accidents this year has certainly increased. There are solutions to this problem, the speed limit has to be reduced, the Police have to start patrolling the area, and we need more signage put in place.

On October 10, 2002, I received an e-mail from Bruce Fitzner telling me that a full safety review of the section of highway will be initiated to assess speeds, signage, traffic control devices, accidents, traffic volumes and turning movements. He said the collection of data and analysis will take 4 to 6 weeks. Is this review completed yet? I think if it is not completed, it should be a top priority as someone is going to be killed in one of these accidents. A few weeks ago, a Department of Highway vehicle was parked by Kyte's Hill Drive and another one was parked by Yolanda Drive, is this how this safety review is being done? It was one day these trucks were parked here and it was on a slow day. There was not that much traffic on that day. I think they should be back again if this was to do with the safety review. One day is hardly enough to be able to make analysis on the traffic volume.

I would like to hear from someone regarding what stage this review is at and what steps are being taken now to reduce the number of accidents in this area. The Police are definitely not patrolling the highway.

Thank you.

Janet MacPhee

CC: "Vince Hall" <VAHALL@cbrm.ns.ca>, <BAILLIBA@gov.ns.ca>,
<SWEETRO@gov.ns.ca>

From: Vince Hall <VAHALL@cbrm.ns.ca>
To: "jmacphee@seascape.ns.ca" <jmacphee@seascape.ns.ca>
Date: 11/22/02 1:38AM
Subject: RE: Fw: Traffic on Grand Lake Road

Hi Janet,

Please rest assured that I share your concerns. I should note that my relationship over the years has been very positive with Bruce Fitzner and Nova Scotia Department of Transportation & Public Works. Thus, I am confident they will utilize all available measures to assist with this problem.

In respect to Cape Breton Regional Police Services, I have been assured by Inspector McLean and Assoc. Chief Dave Wilson that they will be making headway on this issue. I am as equally confident that they will deal with the problem accordingly.

Vince

-----Original Message-----

From: Janet MacPhee [mailto:jmacphee@seascape.ns.ca]
Sent: Thursday, November 21, 2002 8:37 AM
To: Bruce Fitzner
Cc: Vince Hall; BAILLIBA@gov.ns.ca; SWEETRO@gov.ns.ca
Subject: Re: Fw: Traffic on Grand Lake Road

There was also an accident on Grand Lake Road on November 18th, and there was ANOTHER bad accident on Grand Lake Road last night, November 19th. The traffic was backed up for hours coming from Sydney towards Reserve, on the Trans Canada Highway, and traffic coming from Reserve into Sydney until it was re-routed. Something has to be done with this stretch of highway as there are too many rear-end collisions or does someone have to die first? The motorists are not paying attention to the speed or watching as vehicles are turning in and out of their own driveways or streets. The speed limit is 80 km., but the vehicles are travelling in excess of 100 km. The statistics shown for the number of accidents, on this stretch of road is approximately 78 to 85 vehicles per year. Does this figure need to keep increasing before something is done? This figure is high enough as it is. The residents should not have to be stuck in traffic due to the carelessness of drivers not paying attention to the speed and the Police not patrolling the area. My son had a hockey game last night, and was he to suffer because of the traffic jam due to this accident. No, we were stuck in this traffic as well.

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On October 10, 2002, I received an e-mail from Bruce Fitzner telling me that a full safety review of the section of highway will be initiated to assess

speeds, signage, traffic control devices, accidents, traffic volumes and turning movements. He said the collection of data and analysis will take 4 to 6 weeks. Is this review completed yet? I think if it is not completed, it should be a top priority as someone is going to be killed in one of these accidents. A few weeks ago, a Department of Highway vehicle was parked by Kyte's Hill Drive and another one was parked by Yolanda Drive, is this how this safety review is being done? It was one day these trucks were parked here and it was on a slow day. There was not that much traffic on that day. I think they should be back again if this was to do with the safety review. One day is hardly enough to be able to make analysis on the traffic volume.

I would like to hear from someone regarding what stage this review is at and what steps are being taken now to reduce the number of accidents in this area. The Police are definitely not patrolling the highway.

Thank you,

Janet MacPhee

CC: David Wilson <DDWILSON@cbrmps.cape-breton.ns.ca>, Bob McLean <RRMACLEAN@cbrmps.cape-breton.ns.ca>, Myles Burke <MFBURKE@cbrmps.cape-breton.ns.ca>, Bruce Fitzner <fitznebr@gov.ns.ca>, <BAILLIBA@gov.ns.ca>, <SWEETRO@gov.ns.ca>, "John W. Morgan" <JWMORGAN@cbrm.ns.ca>



*Transportation &
Public Works
Eastern District*

PO Box 1180

Sydney, Nova Scotia

B1P 6J9

Bus: 902 563-2255

Fax: 902 563-0540

E-Mail: bailliba@gov.ns.ca

November 15, 2002

Mr. Paul MacEwan, MLA
Liberal Caucus Office
Bank of Montreal Tower, Suite 1400
P.O. Box 741
Halifax, NS
B3J 2T3

Dear Mr. MacEwan:

RE: Rev. Everett MacDow, St. Augustine's Rectory, 871 Grand Lake Road, Sydney
B1P 1P5, Tel 562-2798

Thank you for forwarding the concerns of the St. Augustine's Parish to our Department. Mr. Sweet, Mr. Fitzner and I have discussed this section of Grand Lake Road. Please be advised that we have now initiated a full safety review of this section of highway to assess speeds, signage, traffic control devices, accidents, traffic volumes and turning movements. Collection of required data and analysis will take 4- 6 weeks. Upon completion of our investigation we will report our findings and any recommendations that fall out of our analysis. We should have a report available before Christmas.

Yours very truly,

B.C. Baillie, P.Eng.,
Area Manager, Sydney

cc. Mr. Bruce Fitzner, District Director
Mr. Rob Sweet, District Traffic Supervisor ✓



House of Assembly Assemblée législative
Nova Scotia Nouvelle-Écosse

Liberal Caucus Office
Bank of Montreal Tower, Suite 1400
P.O. Box 741
Halifax, N.S. B3J 2T3
Tel. (902) 424-8637, Fax 424-0539
November 12, 2002

Ms. Barbara Baillie, P. Eng., Area Manager
Dept. of Transportation & Public Works
P.O. Box 1180
Sydney, N.S. B1P 6J9

FAX (902) 563-0540

Dear Ms. Baillie :

**RE : Rev. Everett MacDow, St. Augustine's Rectory, 871 Grand Lake Road, Sydney
B1P 1P5. Tel. (902) 562-2798**

My good friend and constituent, Father MacDow, contacted me recently concerning the items listed in the following letter which awaited me when I returned to my office in Halifax to-day.

I would very much appreciate any action that could be taken on his requests. They are self-explanatory and epitomize the difficulties of operating any kind of activity on Grand Lake Road due to its heavy usage.

Could you let me know on these points, please ? With many thanks,

Sincerely,



Paul MacEwan, MLA
Cape Breton Nova

ST AUGUSTINE PARISH
GRAND LAKE ROAD
SYDNEY, NOVA SCOTIA
B1P 1P5
NOVEMBER 9, 2002

HONORABLE PAUL MACEWAN
MLA CB. NOVA
LIBERAL CAUCUS OFFICE
BANK OF MONTREAL BLDG.
SUITE 1402
5151 GEORGE STREET
PO BOX 741
HALIFAX, NS B3J 2T3

DEAR HONORABLE MACEWAN:

AS PASTOR OF ST. AUGUSTINE PARISH, GRAND LAKE ROAD, SYDNEY, I AM EXTREMELY CONCERNED, ACTUALLY FEARFUL, OF THE SAFETY OF MYSELF AND THE PARISHIONERS OF THE PARISH ENTERING OR LEAVING OUR PARISH COMMUNITY DUE TO THE DANGEROUS TRAFFIC COMING FROM GLACE BAY AND SYDNEY BEHIND OUR VEHICLES AS WE TRY TO ENTER AND EXIT OUR CHURCH. SEVERAL TIMES MY VEHICLE WAS ALMOST "REAR ENDED" AS PEOPLE DON'T SLOW DOWN TO ALLOW US ENTRY.

COULD THE SPEED LIMIT BE LOWERED AND A HIGHWAY MARKING BE PLACED SIMILAR TO THE ONE FOR THE POLICE STATION?

I REQUEST THAT SOMETHING BE DONE IMMEDIATELY BEFORE MYSELF OR SOME OF OUR PARISHIONERS ARE INJURED OR KILLED. I WOULD APPRECIATE IT IF YOU COULD LOOK INTO THIS MATTER FOR OUR PARISHIONERS.

IN APPRECIATION & WITH THANKS

Rev. Everett Macdow

REV. EVERETT MACDOW

